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ABSTRACT

In winter 1979, a survey was conducted of the 206 students who graduated from Howard Community College (HCC) in 1978 to determine graduates' occupational and/or educational status and to measure their satisfaction with HCC preparation for transfer and/or employment. Selected findings, based on a 50% response rate, indicate that almost 80% of the graduates found employment immediately after graduation. Over two-thirds of those graduates working full-time were in positions directly related to their programs of study, and over 70% were satisfied with the job preparation they received at HCC. Of the 27 respondents enrolled at transfer institutions, 50% were pursuing full-time studies, 60% were extremely satisfied with their preparation for transfer, and 46% earned an overall grade point average of 3.5 or better at the senior institution. Among both transfer- and career-oriented graduates, the convenient location of HCC was cited most frequently as the primary reason for attending. Over 87% of the total sample reported that they had achieved their educational goals by the time they graduated. The survey report includes extensive data tables presenting findings for graduates in transfer, occupational, and general studies programs. In a separate series of tables, findings for HCC graduates are compared with statewide data collected by other Maryland community colleges using the same instrument. The questionnaire is appended. (JP)

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FOLLOW-UP OF 1978 GRADUATES, VOLUME I

BY

Lawrence A. Nespoli, Director
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JC 800 057

Howard Community College
Columbia, Maryland

September 1979

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BRIEF SUMMARY OF FINDINGS
RESEARCH REPORT 19

TITLE: Follow-Up of 1978 Graduates

AUTHOR: Lawrence A. Nespoli, Director of Research, Planning, and Funding

PURPOSE: To provide descriptive data on 1978 graduates of Howard Community College including demographic characteristics, place of employment, salary, transfer institutions attended, transfer GPA, and other information; to provide information on graduates' satisfaction with HCC classroom instruction and preparation for transfer and/or employment.

METHODOLOGY: A survey instrument was developed jointly by members of the Maryland Community College Research Group and distributed statewide. 103 of 206 HCC graduates returned completed questionnsires. The sample is representative of the graduating class by sex, race, and age. HCC and statewide data are reported by three major program categories: (1) transfer; (2) occupational; and (3) general studies. Individual program analyses are available upon request.

FINDINGS: HCC graduating classes continue to be Highly employment oriented. Nearly 80 percent of the 1978 respondents reported immediate employment after graduation, With over three quarters of these working full-time. The number of transfer curricula associate degrees awarded in 1978 actually decreased from the number awarded in 1977.

Both occupational program and transfer program graduates reported a high level of satisfaction with the preparation received at HCC. Nearly two thirds of the HCC graduates working full-time found jobs directly related to their program of study, compared to 47 percent for statewide community college graduates. Sixty percent of HCC graduates who continued their education indicated they were extremely satisfied with their preparation for transfer, compared to 36 percent for all Maryland community college graduates.

Although the number of HCC students with transfer goals is small compared to those enrolled in occupational programs, their academic record is superb. Graduates of transfer programs have a higher level of goal achievement than HCC occupational and general studies graduates. Furthermore, 46 percent of HCC graduates who transferred reported a cumulative G.P.A. of 3.5 or better at the transfer institution, compared to 24 percent for community college graduates statewide.

I. INTRODUCTION

This research report contains detailed information on the 1978 graduates of Howrad Community College. The report presents both descriptive and evaluative data. Descriptive data on the graduates include general demographic information on all graduates plus more specific informational items on both employed graduates and transfer graduates. The report also reviews graduate evaluations of the quality of classroom instruction and the overall quality of the College. Additionally, students were asked to rate their satisfaction with preparation for employment and/or transfer.

Howard Community College has conducted follow-up research on its graduates in each of the last five years. The 1978 graduate follow-up study is unique in that it was coordinated with similar efforts by other community colleges throughout the state. Through the efforts of the Maryland Community College Research Group and staff of the Maryland State Board for Community Colleges, one survey instrument was developed and distributed statewide. Thus for the first time, comparable statewide graduate follow-up data are available.

Most of the follow-up data presented in this report will be summarized according to three major student categories: (1) graduates from transfer programs; (2) occupational program graduates; and (3) general studies graduates. The reader should note, however, that HCC and statewide data by individual program have been tabulated and are available on request.[1]

II. METHODOLOGY

As mentioned above, the questionnaire developed for use in this study was a joint effort by members of the Maryland Community College Research Group. It was mailed to all HCC graduates who were awarded their degrees at the Spring 1978 graduation ceremony.

Survey forms were first mailed on January 26, 1979 to 206 graduates with follow-up mailings occurring on February 2 and February 26. The three mailings resulted in 103 returned completed survey froms -- a response rate of 50 percent. The sample is representative of the entire 1978 HCC graduating class of sex, race, and age.[2]

III. ALL GRADUATES

Tables I through VI present various demographic and other data on the graduates. The 1978 HCC graduating class is older (Table I) and contains proportionately more females than the State norm (Table II). On racial composition (Table III), HCC graduates as a group are about the same as community college graduates statewide. Because considerably more HCC students are enrolled in certificate programs than the norm (Table IV), they tend as a group to graduate with fewer credits earned (Table V). Finally, HCC students graduate with a higher GPA than do community college students statewide (Table VI). As is always the case when comparing grade point averages, this last fact can be a function of real differences in student achievement, or it may merely reflect different institutional grading procedures and/or differences in grading standards.

Table IIA, Graduates by HEGIS Program Category and Sex, illustrates the kind of potential brought to the 1978 follow-up study through participation in the MCCRG statewide effort. This table presents by individual program an analysis of the sexual composition

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[1] See Follow-Up of 1978 Graduates, Volume II.

[2] Chi-square values are as follows: for sex, 1.309; race, .484; age, .362. None is significant at the .05 level.

of HCC's 1978 graduating class and of all Maryland community college graduates.[3] The same type of analysis can be done for any data element in the study.[4] Thus, if a division chairman or a faculty member is especially interested in follow-up data on graduates of his/her program(s), he/she can get such information on that particular subgroup of students. Furthermore, he/she can then compare this group with graduates of similar programs offered by other community colleges throughout the state.

Table I
Graduates by Age

AGE	HOWARD N	HOWARD %	STATEWIDE %
15-19	0	0.0	2.4
20-29	39	37.9	63.7
30-39	37	35.9	22.4
40-49	21	20.4	7.9
50-59	4	3.9	2.9
60-73	2	1.9	.8
TOTAL	104	100.0	-
Mean Age	33.1		28.2

Table II
Graduates by Sex

SEX	HOWARD N	HOWARD %	STATEWIDE %
Male	29	28.2	43.1
Female	74	71.8	56.9
TOTAL	103	100.0	-

[3]Several points of clarification are needed on Table IA: (1) Graduates are distributed according to the 13 program categories for which survey responses were received at HCC. The statewide "TOTAL" figures, therefore, reflect statewide data for these 13 program categories only. (2) The "ALL STATE PROGRAMS" figures, on the other hand, show statewide totals for all community college programs in Maryland, whether or not they are offered at HCC; (3) Students in the "Undeclared Program" categories did not have a declared major at the time of the survey.

[4]These analyses have been done and are contained in Follow-Up of 1978 Graduates, Volume II, available from the Office of Research, Planning, and Funding.

Table IIA
Graduates by HEGIS Program Category and Sex

PROGRAM	SEX			
	Male		Female	
	N	%	N	%
HOWARD				
Transfer				
Arts and Sciences	2	40.0	3	60.0
Teacher Ed.	0	0.0	3	100.0
Bus. Admin.	3	60.0	2	40.0
SUB-TOTAL TRANSFER	5	38.5	8	61.5
Occupational				
Accounting	0	.0	3	100.0
Bus. Mgmt.	1	50.0	1	50.0
Retailing	1	20.0	4	80.0
Sec. Sci.	0	.0	9	100.0
Data Proc.	6	66.7	3	33.3
Nursing	0	.0	23	100.0
Carpentry	8	88.9	1	11.1
BMET	3	75.0	1	25.0
Vision Care	0	.0	4	100.0
SUB-TOTAL OCCUPATIONAL	1.9	27.9	49	72.1
General Studies	4	26.7	11	73.3
Undeclared Program	1	14.3	6	85.7
TOTAL (N=103)	29	28.1	74	71.8
STATEWIDE				
Transfer				
Arts and Sciences	86	41.3		58.7
Teacher Ed.	38	30.4		69.6
Bus. Admin.	179	67.3		32.7
SUB-TOTAL TRANSFER	303	50.6		49.4
Occupational				
Accounting	42	40.8		59.2
Bus. Mgmt.	36	60.0		40.0
Retailing	21	60.0		40.0
Sec. Sci.	3	1.6		98.4
Data Proc.	87	70.7		29.3
Nursing	27	6.4		93.6
Carpentry	8	88.9		11.1
BMET	3	75.0		25.0
Plant Sci.	3	33.3		66.7
SUB-TOTAL OCCUPATIONAL	230	24.2		75.8
General Studies	433	45.2		54.8
Undeclared Program	14	33.3		66.7
TOTAL	980	38.4		61.6
ALL STATE PROGRAMS		42.9		57.1

Table III
Graduates by Race

RACE	HOWARD		STATEWIDE
	N	%	%
Black	12	11.7	12.3
Am. Indian	0	0.0	.3
Asian	0	0.0	.6
Hispanic	2	1.9	.5
White	84	81.6	83.7
Foreign	0	0.0	1.6
Other	5	4.9	1.0
TOTAL	103	100.0	-

Table IV
Graduates by Highest Degree Received

DEGREE RECEIVED	HOWARD		STATEWIDE
	N	%	%
Associate	82	79.6	91.4
Certificate	21	20.4	7.9
TOTAL	103	100.0	-

Table V
Graduates by Credits Earned

CREDITS EARNED	HOWARD		STATEWIDE
	N	%	%
Zero	0	0.0	.1
1-3	0	0.0	.1
4-6	1	1.0	.0
7-11	0	0.0	.1
12-15	0	0.0	.4
16-30	16	15.4	3.8
31-45	17	16.3	8.5
46-60	35	33.7	16.1
61-75	28	26.9	59.1
76-90	5	4.8	9.1
91-124	1	1.0	2.4
TOTAL	103	100.0	-
Mean Credit Earned	50.98		62.30

Table VI
Graduates by Grade Point Average

Grade Point Average	HOWARD		STATEWIDE
	N	%	%
0.00-1.99	0	0.0	.5
2.00-2.49	3	2.9	16.7
2.50-2.99	22	21.2	29.6
3.00-3.49	34	32.7	31.1
3.50 and above	44	42.3	22.0
TOTAL	103	100.0	-
Mean GPA	3.35		3.03

Table VII provides the basic introduction and organization for what follows in the remainder of this report. Specifically, the table presents data on the current status of the 1978 HCC graduates. Two of the student subgroups defined -- graduates who continued their education and employed graduates -- will be extensively analyzed in Sections IV and V of this report. Table VII presents data on the current status of all Maryland community college graduates.

A few quick conclusions can be made from the data in Tables VII and VIII:

1. HCC graduates enter employment much more frequently than they continue their education.
2. This trend holds for occupational program graduates, general studies graduates, and students in the undeclared program category. Even a substantial number of transfer program graduates (about 40%) became employed after graduating from HCC.
3. Compared to 1978 statewide trends, HCC graduates are becoming employed at about the same rate as all community college graduates in Maryland, but the percentage of students continuing their education at transfer institutions is substantially below the state average. The percentage of HCC studetns assuming full-time home responsibilities after graduate is considerably higher than the state norm.

Appendix II provides more specific information on the current status of graduates (by program) including names of employers, positions held, and colleges being attended.

Table VII
HCC Graduates by Program and Current Status
(N-103)

PROGRAM	School		Employed		Not Employed		Full-Time Home Responsibility		Military Service		Other	
	N	%	N	%	N	%	N	%	N	%	N	%
Transfer												
Arts and Sci.	3	60.0	2	40.0	1	20.0	0	.0	0	.0	0	.0
Teacher Ed.	1	33.3	1	33.3	1	33.3	0	.0	0	.0	1	33.3
Bus. Admin.	4	80.0	2	40.0	1	20.0	1	20.0	0	.0	0	.0
SUB-TOTAL TRANSFER	8	61.5	5	38.7	3	23.1	1	7.7	0	.0	1	7.7
Occupational												
Acctg.	1	33.3	3	100.0	0	.0	1	33.3	0	.0	0	.0
Bus. Mgmt.	1	50.0	2	100.0	0	.0	1	50.0	0	.0	0	.0
Retailing	2	40.0	5	100.0	0	.0	0	.0	0	.0	0	.0
Sec. Sci.	2	22.2	8	88.9	1	11.1	1	11.1	0	.0	1	11.1
Data Proc.	2	22.2	8	88.9	0	.0	1	11.1	0	.0	2	22.2
Nursing	1	4.3	20	87.0	3	8.7	6	26.1	0	.0	0	.0
Carpentry	4	44.4	8	88.9	0	.0	1	11.1	0	.0	2	22.2
BMET	0	.0	3	75.0	1	25.0	1	25.0	0	.0	0	.0
Vision Care	1	25.0	3	75.0	0	.0	0	.0	0	.0	0	.0
SUB-TOTAL OCCUPATIONAL	14	20.6	60	88.2	4	5.9	12	16.2	0	.0	5	7.4
General Studies	5	33.3	8	53.3	2	13.3	6	40.0	0	.0	1	6.7
Undeclared Program	2	28.6	7	100.0	0	.0	1	14.3	0	.0	0	.0
TOTAL	28	27.2	82	79.6	9	8.7	20	19.4	0	.0	7	6.8

Table VIII
Statewide Graduates By Program and Current Status

PROGRAM	School		Employed		Not Employed		Full-Time Home Responsibility		Military Service		Other	
	N	%	N	%	N	%	N	%	N	%	N	%
Transfer												
Arts and Sci.	125	60.1	105	50.5	30	14.4	23	11.1	2	1.0	19	9.1
Teacher Ed.	91	72.8	72	57.6	12	9.6	16	12.8	2	1.6	8	6.4
Bus. Admin.	176	66.2	184	69.2	34	12.8	21	7.9	4	1.5	5	1.9
SUB-TOTAL TRANSFER	392	65.4	361	60.3	76	12.7	60	10.0	8	1.3	32	5.3
Occupational												
Acctg.	46	44.7	88	85.4	6	5.8	12	11.7	0	.0	4	3.9
Bus. Mgmt.	26	43.3	54	90.0	4	6.7	6	10.0	0	.0	2	3.3
Retailing	8	22.9	33	94.3	2	5.7	3	8.6	0	.0	2	5.7
Sec. Sci.	29	15.8	168	91.3	7	3.8	11	6.0	0	.0	4	2.2
Data Proc.	51	41.5	109	88.6	5	4.1	9	7.3	0	.0	6	4.9
Nursing	57	13.4	385	90.6	19	4.5	68	16.0	1	.2	10	2.4
Carpentry	4	44.4	8	88.9	0	.0	1	11.1	0	.0	2	22.2
BMET	0	.0	3	75.0	1	25.0	1	25.0	0	.0	0	.0
Plant Science	3	33.3	5	55.6	1	11.1	2	22.2	0	.0	0	.0
SUB-TOTAL OCCUPATIONAL	224	23.5	853	89.6	45	4.7	113	11.9	1	.1	30	3.2
General Studies	577	60.2	622	64.9	121	12.6	114	11.9	7	.7	47	4.9
Undeclared Program	26	61.9	35	83.3	3	7.1	1	2.4	0	.0	0	.0
TOTAL	1219	47.8	1871	73.3	245	9.6	288	11.3	16	.6	109	4.3
ALL STATE PROGRAMS	1876	44.6	3135	74.6	392	9.3	428	10.2	26	.6	184	4.4

IV. EMPLOYED GRADUATES

This section reports findings on the 82 HCC grduates who were employed at the time of the survey, some ten months after their graduation date. Table IV shows the employment status of those graduates. Twenty-three percent are employed part-time, 76.8 percent full-time.

Table X reports the "standard occupational classification" for HCC occupational program graduates employed full-time. Registered Nurses and clerical occupations are the two classes most heavily represented by the 1978 graduating class.

Assistance in Getting Job

What resources do community college graduates utilize in locating full-time employment opportunities? The dat in Table XI indicate that HCC graduates rely primarily on sources external to the College. Forty six percent contacted the employer on their own, 17.5 percent got assistance from family and friends, and 15.9 percent located their job through newspaper advertisements. Although these trends are typical of the statewide pattern, the data raise some questions about the effectiveness of career guidance services offered at the College. On the other hand, it should be noted that many HCC students are not in need of such services while pursuing their degree. As indicated in Table XII, over 30 percent of HCC graduates were employed prior to their enrolling at the College.

Location of Employment and Earnings

Table XIII summarizes the employment location of HCC graduates employed full-time. About 36 percent of the employed graduates work in Howard County and 34 percent work in other Maryland counties. 19.4 percent are employed in Baltimore City, 8.1 percent in Washington, D.C. These figures show Howard Community College to be serving the manpower needs not only of Howard County, but of the state of Maryland as well.

Only 29.2 percent of HCC occupational program graduates work within Howard County, as compared to a 43.9 percent in-county employment rate for occupational program graduates statewide. This difference reflects the high out-of-county employment rate of HCC nursing graduates (see Table XIIIA, Volume II).

Tables XIV and XV show salary data for HCC employed graduates. For HCC graduates employed part-time (Table XIV), the mean hourly wage is $4.80.[5] This compares favorably with the salary of $4.19 paid part-time employed graduates statewide. About nineteen percent of full-time employed HCC graduates earn a gross weekly salary of between $205 and $235; 16.9 percent earn between $235 and $265 per week; and 16.9 percent reported earnings of over $325 per week. This last group includes graduates of the General Studies, Business Management, Data Processing, and Carpentry programs (see Table XVA in Volume II).

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[5] HCC graduates who are employed part-time work about 17 hours per week.

Table IX
Employment Status

PROGRAM	PART-TIME		FULL-TIME	
	N	%	N	%
HCC				
Transfer	1	20.0	4	80.0
Occupational	14	22.2	49	77.8
General Studies	1	14.3	6	85.7
* TOTAL (N=82)	19	23.2	63	76.8
STATEWIDE				
Transfer	140	36.0	249	63.8
Occupational	172	19.9	692	80.0
General Studies	204	32.0	434	68.0
* TOTAL	531	27.5	1396	72.4
ALL STATE PROGRAMS	870	26.9	2368	73.1

*Subtotals do not add to the TOTAL figures since "undeclared program" students are not included as a separate category for analysis. This will be the case for all tables summarizing data by the categories of transfer, occupational, and general studies programs.

Table X
Graduates by Occupational Classification
(Employed Full-Time)

STANDARD OCCUPATIONAL CLASSES	HOWARD		STATEWIDE
	N	%	%
Management	0	.0	6.8
Computer, Math	3	6.1	6.3
Registered Nurses	12	24.5	13.1
Dieticians, Therapists, Pharmacists	0	.0	1.7
Writer, Artists	1	2.0	1.3
Health Technicians	2	4.1	9.8
Engineering Technicians	2	4.1	4.9
Science Technicians	0	.0	.8
Other Technicians	0	.0	3.1
Sales	2	4.1	3.2
Insurance, Real Estate	0	.0	1.4
Supervisors:Clerical	0	.0	1.2
Clerical	8	16.3	15.6
Computing and Office Equipment Operations	3	6.1	2.4
Protective Services	0	.0	9.1
Services	4	8.2	8.1
Farm Operators, Managers	0	.0	.2
Forestry, Logging	0	.0	.5
Construction	2	4.1	1.3
Transportation	3	6.1	.8
Mechanics, Repairers	2	4.1	1.5
Precision Production	0	.0	.2
Fabricators, Assemblers	0	.0	1.7
Not Elsewhere Classified	5	10.2	4.3
TOTAL	49	100.0	100.0

Table XI
Assistance in Locating Current Full-Time Job

WHO HELPED?	HOWARD (N=63)		STATEWIDE	
	N	%	N	%
Faculty	8	12.7	150	6.3
College Placement	0	.0	33	1.4
Newspaper	10	15.9	291	12.2
Employment Agency	7	11.1	103	4.3
Contacted Employer On Own	29	46.0	977	41.1
Help from Family-Friend	11	17.5	452	19.0
Other Source	7	11.1	269	11.3

Table XII
When Present Job Began
(Employed Full-Time)

PROGRAM	BEFORE ATTENDING		WHILE ATTENDING		AFTER ATTENDING	
	N	%	N	%	N	%
HCC						
Transfer	1	25.0	2	50.0	1	25.0
Occupational	13	26.5	6	12.2	30	61.2
General Studies	4	66.7	0	.0	2	33.3
TOTAL (N=62)	19	30.6	8	12.9	35	56.5
STATEWIDE						
Transfer	81	39.7	62	30.3	61	29.9
Occupational	110	17.1	87	13.5	443	69.2
General Studies	162	38.2	92	21.7	170	40.1
TOTAL	356	27.6	246	19.1	684	53.1
ALL STATE PROGRAMS	641	29.1	408	18.5	1155	52.4

Table XIII
Employment Location
(Employed Full-Time)

PROGRAM	Same County		Other Md. County		Balt. City		Wash. D.C.		Del.		Penna.		Va.		W. Va.		Other State	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
HCC																		
Transfer	2	50.0	1	25.0	1	25.0	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0
Occupational	14	29.2	18	37.5	10	20.8	4	8.3	0	.0	0	.0	0	.0	0	.0	2	4.2
General Studies	4	66.7	1	16.7	0	.0	1	16.7	0	.0	0	.0	0	.0	0	.0	0	.0
TOTAL (N=62)	22	35.5	21	33.9	12	19.4	5	8.1	0	.0	0	.0	0	.0	0	.0	2	3.2
STATEWIDE																		
Transfer	99	52.3	29	15.3	26	13.7	24	12.6	5	2.6	0	.0	2	1.0	0	.0	4	2.1
Occupational	272	43.9	99	15.9	159	25.6	55	8.8	2	.03	8	1.2	5	.08	6	.09	13	2.1
General Studies	200	48.9	74	18.1	87	21.3	24	5.9	3	.7	3	.7	10	2.4	0	.0	8	2.0
TOTAL	581	47.0	204	16.5	273	22.1	107	8.6	10	.8	11	.8	17	1.3	6	.04	25	2.0
ALL STATE PROGRAMS	974	45.7	413	19.4	422	19.8	166	7.8	15	.7	28	1.3	43	2.0	13	.6	58	2.7

Table XIV
Hourly Salary of Part-Time Employed Graduates

PROGRAM	HOWARD (N=13)		STATEWIDE	
	N	%	N	%
$ .01-1.99	0	.0	13	2.3
2.00-3.99	4	30.8	291	52.4
4.00-5.99	5	38.5	171	30.8
6.00-7.99	4	30.8	73	13.2
8.00-9.99	0	.0	6	1.1
10.00-11.99	0	.0	1	.2
TOTAL	13	100.0	-	100.0
Mean of Hourly Wage	4.80		4.19	

Table XV
Weekly Salary of Full-Time Employed Graduates.

PROGRAM	$0-145		$146-175		$176-205		$206-235		$236-265		$266-295		$296-325		$326 + above	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
HCC																
Transfer	0	.0	0	.0	0	.0	0	.0	1	25.0	0	.0	2	50.0	1	25.0
Occupational	3	6.5	7	15.2	6	13.0	10	21.7	7	15.2	5	10.9	1	2.2	7	15.2
General Studies	0	.0	0	.0	0	.0	1	20.0	1	20.0	0	.0	1	20.0	2	40.0
TOTAL (N=59)	4	6.8	8	13.6	7	11.9	11	18.6	10	16.9	5	8.5	4	6.8	10	16.9
STATEWIDE																
Transfer	35	18.7	18	9.6	30	16.0	12	6.4	17	9.0	10	5.3	17	9.0	48	25.6
Occupational	70	11.2	78	12.5	76	12.2	110	17.6	149	23.9	48	7.7	21	3.3	70	11.2
General Studies	46	12.3	43	11.5	56	15.0	44	11.8	35	9.4	32	8.6	34	9.1	84	22.5
TOTAL	153	12.8	142	11.8	165	13.8	166	13.8	204	17.0	90	7.5	72	6.0	203	16.9
ALL STATE PROGRAMS	273	13.5	281	13.9	310	15.3	254	15.3	302	14.9	164	8.1	130	6.4	314	15.5

Relationship of Job to HCC Major

Over 62 percent of HCC graduates employed full-time are working in jobs directly related to the HCC programs in which they were enrolled, as indicated in Table XVI. In contrast, only 47.2 percent of statewide community college graduates (of programs similar to those offered at HCC) reported a similar direct relationship between job and education. This seems to indicate that HCC graduates are more successful in finding employment consistent with the educational training they have received.

For both HCC and all community colleges in Maryland, transfer and general studies graduates have lower rates of employment in jobs directly related to their college programs. This is expected of programs not specifically designed for immediate job entry. Only two HCC graduates reported that they were working in jobs unrelated to their programs of study because they could not find a job in their field of preparation (see Table XVII). For others, it was a matter of choice for reasons of better pay, better opportunity for advancement, etc.

Adequacy of Job Preparation

Table XVIII shows the degree of satisfaction of graduates with college preparation for employment. Nearly three quarters of the HCC graduates employed full-time indicated satisfaction with their job preparation. Over 20 percent said they were extremely satisfied. Only 5 percent expressed dissatisfaction with their preparation for employment. These figures are consistent with the statewide pattern of responses.

Unemployed Graduates

The number of HCC graduates who are actively seeking employment but remain unemployed is very small, as shown in Table XIX. The major reason why community college graduates statewide are unable to secure employment is that there are too few openings in the fields for which graduates were prepared.

Summary of Findings on Employed Graduates

Employment is the most frequent post-graduate activity of HCC students. Graduates rely primarily on sources external to the College in locating jobs -- assistance from family and friends, newspaper ads, and contacting the employer directly. Over three quarters of the working graduates are employed full-time, and nearly a third had their jobs prior to enrolling at HCC.

Ninety seven percent of the full-time employed respondents work in Maryland, with 35.5 percent in Howard County. The mean hourly wage of graduates working part-time is $4.80. Two thirds of full-time employed HCC graduates earn a gross weekly salary of over $205 per week. Seventeen percent of those working full-time reported earnings of over $325 per week.

Nearly two thirds of HCC graduates working full-time are employed in jobs directly related to their program of study -- a figure that compares very favorably with the 47 percent figure reported statewide. Over 70 percent of HCC graduates employed full-time indicated satisfaction with their job preparation received at the College. Twenty percent said they were extremely satisfied.

Table XVI
Relationship Between Curriculum Program and Job
(Employed Full-Time)

PROGRAM	DIRECTLY RELATED		SOMEWHAT RELATED		NOT RELATED	
	N	%	N	%	N	%
HCC						
Transfer	0	.0	0	.0	4	100.0
Occupational	36	75.0	8	16.7	4	8.3
General Studies	0	.0	4	66.7	2	33.3
TOTAL (N=61)	38	62.3	12	19.7	11	18.0
STATEWIDE						
Transfer	59	24.3	96	39.6	87	35.9
Occupational	499	72.6	138	20.0	50	7.2
General Studies	81	18.8	174	40.4	176	40.8
TOTAL	651	47.2	411	29.8	317	22.9
ALL STATE PROGRAMS	1255	53.7	605	25.9	477	20.4

Table XVII
Major Reason Program Not Related To Job

PROGRAM	NO JOBS IN FIELD		FOUND BETTER PAY		FOUND BETTER OPPORTUNITY		DIDN'T WANT WORK IN MY FIELD		PROGRAM NOT CAREER ORIENTED		OTHER REASON	
	N	%	N	%	N	%	N	%	N	%	N	%
MCC												
Transfer	1	25.0	1	25.0	0	.0	0	.0	2	50.0	0	.0
Occupational	1	33.3	0	.0	0	.0	1	33.3	0	.0	1	33.3
General Studies	0	.0	0	.0	0	.0	0	.0	2	100.0	0	0
TOTAL (N=10)	2	20.0	1	10.0	0	.0	1	100.0	5	50.0	1	10.0
STATEWIDE												
Transfer	10	.2	9	18.0	4	8.0	4	8.0	8	16.0	15	.03
Occupational	11	3.4	6	1.8	1	3.1	3	9.3	1	3.1	10	31.2
General Studies	17	11.0	20	13.0	11	7.1	5	3.2	62	40.3	39	25.3
TOTAL	38	16.0	35	14.7	16	6.7	12	5.0	72	30.3	64	27.0
ALL STATE PROGRAMS	89	24.5	62	17.0	26	7.1	21	5.8	80	22.0	86	23.6

Table XVIII
Satisfaction with College Preparation for Employment
(Employed Full-Time)

PROGRAM	Extremely Satisfied		Satisfied		Unsatisfied	
	N	%	N	%	N	%
HCC						
Transfer	0	.0	3	100.0	0	.0
Occupational	10	21.3	34	72.3	3	6.4
General Studies	1	20.0	4	80.0	0	.0
TOTAL (N=59)	12	20.3	44	74.6	3	5.1
STATEWIDE						
Transfer	22	15.0	113	77.3	11	7.5
Occupational	180	30.9	369	63.5	32	5.5
General Studies	61	17.6	247	71.4	38	11.0
TOTAL	266	24.5	737	67.9	82	7.5
ALL STATE PROGRAMS	514	26.9	1246	65.3	148	7.8

Table XIX
Unemployed Graduates

SEEKING A JOB?	HOWARD		STATEWIDE
	N	%	%
Yes	5	62.5	48.9
No	3	37.5	51.1
TOTAL	8	100.0	100.0
REASON UNABLE TO GET A JOB			
Salary Too Low	1	25.0	3.2
Too Few Openings	-	-	42.4
Need More Education	2	50.0	27.2
Changed Career Objectives	-	-	9.6
Not Looked Enough	1	25.0	17.6
TOTAL	4	100.0	100.0

V. GRADUATES CONTINUING THEIR EDUCATION

As mentioned in Section III of this report, 27 percent of the respondents reported that they were enrolled at transfer institutions. As Table XX shows, about half of these graduates are pursuing full-time studies.

Table XX

Enrollment Status of Transfer Students

PROGRAM	ENROLLMENT STATUS			
	Full-Time		Part-Time	
	N	%	N	%
HCC				
Transfer	3	33.3	6	66.7
Occupational	9	69.2	4	30.8
General Studies	1	25.0	3	75.0
TOTAL (N=27)	13	48.1	14	51.9
STATEWIDE				
Transfer	93	28.8	229	71.1
Occupational	115	63.8	65	36.1
General Studies	193	35.0	359	65.0
TOTAL	534	44.3	669	55.6
ALL STATE PROGRAMS	617	37.3	1038	62.7

Transfer Institutions and Majors

Table XXI lists the types of colleges attended by HCC graduates. The most popular transfer institutions are Maryland state colleges and the University of Maryland. This is fairly typical of the statewide pattern except that graduates of other Maryland community colleges more frequently transfer out-of-state. Also of interest is the relatively large percentage of HCC transfer graduates who enrolled in another community college program in the state.

Graduates were asked to specify the extent to which their curriculum program was related to their major at the transfer institution (Table XXII). Nearly 75 percent of

HCC graduates reported their community college programs to be directly related to their transfer major. This compares very favorably with statewide figures of about 50 percent. The lowest figures for HCC on this item were for the occupational programs -- as one would expect since these programs are not specifically designed to prepare students for transfer to senior institutions. Two graduates of the Arts and Science associate degree program indicated their studies at HCC were not at all related to their transfer majors. Interestingly, only 34.8 percent of general studies graduates statewide reported their community college programs to be directly related to their transfer majors. (One hundred percent of HCC's general studies respondents so indicated a direct relationship.)

Table XXI
Type of Transfer College

Transfer College	Howard N	Howard %	Statewide %
Maryland Community College	6	21.4	5.8
Maryland Public State College	10	35.7	33.6
University of Maryland	9	32.1	34.3
Maryland Private 4-Year	1	3.6	8.1
Maryland Private 2-Year	1	3.6	1.4
Maryland Tech.	0	.0	1.1
Out-Of-State 4-Year Public	1	3.6	7.4
Out-Of-State 4-Year Private	0	.0	6.1
Other Out-Of-State	0	.0	2.3
TOTAL	28	100.0	100.0

Table XXII

Relationship Between Curriculum Program and Transfer Major

PROGRAM	Directly Related N	Directly Related %	Somewhat Related N	Somewhat Related %	Not Related N	Not Related %
HCC						
Transfer	7	77.8	0	.0	2	22.2
Occupational	7	58.3	4	33.3	1	8.3
General Studies	5	100.0	0	.0	0	.0
TOTAL (N=27)	20	74.1	4	14.8	3	11.1
STATEWIDE						
Transfer	237	74.0	69	21.5	14	4.3
Occupational	116	65.1	46	25.8	16	8.9
General Studies	184	34.8	283	53.5	62	11.7
TOTAL	542	51.7	408	38.9	98	9.3
ALL STATE PROGRAMS	908	56.5	549	34.1	151	9.4

Adequacy of Preparation for Transfer

Graduates were asked to rate their degree of satisfaction with the preparation for transfer they received in their community college program. Sixty percent of HCC graduates who transferred indicated they were extremely satisfied with the training they received (see Table XXIII). As one would expect, the figures for graduates of transfer programs are even somewhat higher -- 87.5 percent reported extreme satisfaction with their preparation for transfer. For all community college programs in the state, only 35.9 percent of the graduates reported they were extremely satisfied with their preparation for transfer. The comparison between this figure and those for HCC is a very positive statement about the effectiveness of transfer educational services offered at Howard Community College.

Transfer Grade Point Average and Credit Transfer

The satisfaction of HCC transfer graduates with their preparation for enrollment at transfer institutions is reflected in their success at having HCC credits accepted at the transfer institution as well as in the G.P.A.'s they achieve there.

Table XXIV summarizes transfer grade point averages. Approximately 46 percent of HCC graduates reported a cumulative G.P.A. of 3.5 or better; for all Maryland community college graduates enrolled in transfer institutions, the figure was 24 percent. Also, HCC graduates reported a high level of success in getting their credits accepted by the transfer institutions. As shown in Table XXV, 52.2 percent were successful in getting all credits accepted. Nearly 75 percent were successful in having all but 1-6 credits accepted.

Table XXIII
Satisfaction with Preparation for Transfer

PROGRAM	HOW SATISFIED?					
	Extremely Satisfied		Satisfied		Unsatisfied	
	N	%	N	%	N	%
HCC						
Transfer	7	87.5	1	12.5	0	.0
Occupational	4	36.4	6	54.5	1	9.1
General Studies	3	60.0	2	40.0	0	.0
TOTAL (N=25)	15	60.0	9	36.0	1	4.0
STATEWIDE						
Transfer	123	44.8	138	50.3	13	4.7
Occupational	50	34.0	80	54.4	17	11.5
General Studies	184	36.8	282	56.4	34	6.8
TOTAL	360	38.4	512	54.7	64	6.8
ALL STATE PROGRAMS	519	35.9	805	55.6	123	8.5

Table XXIV
GPA of Transfer Students

PROGRAM	Less than 2.0		2.0-2.4		2.5-2.9		3.0-3.4		3.5 + over	
	N	%	N	%	N	%	N	%	N	%
HCC										
Transfer	0	.0	1	12.5	1	12.5	4	50.0	2	25.0
Occupational	0	.0	1	10.0	1	10.0	3	30.0	5	50.0
General Studies	0	.0	0	.0	0	.0	1	20.0	4	80.0
TOTAL (N=24)	0	.0	2	8.3	2	8.3	9	37.5	11	45.8
STATEWIDE										
Transfer	2	.07	24	9.4	50	19.6	107	42.1	71	27.9
Occupational	3	2.3	17	13.3	36	28.3	42	33.0	29	22.8
General Studies	16	3.6	53	11.9	108	24.2	156	35.0	113	25.3
TOTAL	21	2.5	96	11.4	197	23.4	210	36.9	216	25.7
ALL STATE PROGRAMS	30	2.3	157	12.1	340	26.2	457	35.2	313	24.1

Table XXV
Credits Not Accepted for Transfer

PROGRAM	All Accepted		1-3		4-6		7-12		13-20		More than 21	
	N	%	N	%	N	%	N	%	N	%	N	%
HCC												
Transfer	3	37.5	2	25.0	1	12.5	2	25.0	0	.0	0	.0
Occupational	4	50.0	1	12.5	0	.0	0	.0	1	12.5	2	25.0
General Studies	4	80.0	0	.0	1	20.0	0	.0	0	.0	0	.0
TOTAL (N=23)	12	52.2	3	13.0	2	8.7	3	13.0	1	4.3	2	8.7
STATEWIDE												
Transfer	109	40.8	73	27.3	37	13.8	25	9.3	13	4.8	10	3.7
Occupational	60	43.1	19	13.6	21	15.1	15	10.7	10	7.1	14	10.0
General Studies	232	47.6	93	19.1	65	13.3	51	10.5	33	6.8	13	2.7
TOTAL	406	44.7	188	20.7	127	13.9	91	10.0	57	6.2	39	4.2
ALL STATE PROGRAMS	599	42.8	264	18.9	212	15.1	154	11.1	87	6.2	84	6.0

Summary of Findings on Transfer Graduates

Twenty seven percent of the respondents continued their education after graduating from HCC. Of these, 48 percent pursued full-time study.

Maryland state colleges and the University of Maryland were the most popular transfer institutions. HCC graduates rarely transfer out-of-state. Nearly 75 percent of HCC graduates who transferred reported their curriculum program to be directly related to their transfer major, compared to about 50 percent for statewide community college graduates. Sixty percent of HCC graduates who transferred indicated they were extremely satisfied with their preparation for transfer; compared to 36 percent for all Maryland community college graduates.

Forty six percent of HCC graduates reported an overall G.P.A. of 3.5 or better at the transfer institutions, compared to about 24 percent for community college graduates statewide. Three fourths of HCC graduates who continued their education were successful in getting all but 1 to 6 credits accepted by the transfer institution.

VI. EVALUATION OF THE COLLEGE

Reasons for College Attendance

Students choose to enroll at Howard Community College for a number of reasons. When asked to specify the "most important" reason for choosing HCC, graduates responded as shown in Table XXVI.

Over 50 percent cited the convenient location of the College as the primary reason for attending. Another 33.7 percent said they enrolled at HCC because the program they wanted was offered. These were by far the two major reasons that graduates cited as key factors in their decision to enroll at Howard. Interestingly, 70 percent of the graduates from transfer programs cited the location factor, and none the program factor. Occupational program graduates, on the other hand, cited location and program offered as equally important.

Comparisons with stateside data show cost considerations to be of less importance for students attending HCC than is the case with the general community college population in Maryland. Similarly, academic reputation is not cited as often by HCC graduates. Six percent of all community college graduates in the state said that academic reputation was the most important factor in their enrollment decision. Only one HCC graduate said it was the most important reason. Finally, the advice of friends and/or the advice of high school counselors appears to be playing little or no role in the decisions of students to enroll at Maryland community colleges generally, Howard Community College included.

Goal Achievement

After students make the decision to enroll at a community college, how successful are they in actually achieving their educational goals? Table XXVII shows the primary goals students had in attending college,[6] and Table XXVIII reports the level of goal achievement at the time of graduation.

Consistent with enrollment patterns at HCC (i.e., the high percentage of students in occupational programs), the goal cited most frequently by students was preparation for immediate entry into a career. Approximately 34 percent of HCC graduates had this

[6] Respondents were asked to list only <u>one</u> primary goal.

Table XXVI
Most Important Reason for Choosing College

PROGRAM	Low Cost		Location		Program		Financial Aid		Unable to Attend Other College		Academic Reputation		Advice of Friends		Advice of High School Counselor	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
HCC																
Transfer	2	20.0	7	70.0	0	.0	0	.0	1	10.0	0	.0	0	.0	0	.0
Occupational	5	8.3	26	43.3	26	43.3	2	3.3	0	.0	1	1.7	0	.0	0	.0
General Studies	2	15.4	9	69.2	2	15.4	0	.0	0	.0	0	.0	0	.0	0	.0
TOTAL (N=89)	9	10.1	45	50.6	30	33.7	3	3.4	1	1.1	1	1.1	0	.0	0	.0
STATEWIDE																
Transfer	96	25.1	183	48.0	35	9.1	5	1.3	20	5.2	24	6.2	17	4.4	1	.2
Occupational	117	1.5	254	33.8	285	38.0	12	16.0	23	3.0	49	6.5	7	.9	3	.04
General Studies	175	21.7	362	44.9	105	13.0	16	2.0	43	5.3	70	8.7	22	2.7	14	1.7
TOTAL	399	20.3	806	41.0	429	21.8	34	1.7	88	4.4	143	7.2	46	2.3	19	.9
ALL STATE PROGRAMS	539	16.4	1160	35.2	1118	34.0	67	2.0	119	3.6	196	6.0	69	2.1	23	.7

Table XXVII
Student Goals

PROGRAM	Explore New Career or Academic Area		Preparation For Entry Into Career		Transfer to 4-Year Institution		Update Skills For Current Job		Interest and Self-Enrichment		Other	
	N	%	N	%	N	%	N	%	N	%	N	%
HCC												
Transfer	2	18.2	0	.0	8	72.8	0	.0	0	.0	1	9.1
Occupational	14	23.3	27	45.0	5	8.3	6	10.0	7	11.7	1	1.7
General Studies	3	21.4	0	.0	6	42.9	0	.0	5	35.7	0	.0
TOTAL (N=91)	19	20.9	31	34.1	20	22.0	6	6.6	13	14.3	2	2.2
STATEWIDE												
Transfer	52	10.8	34	7.0	318	65.8	13	2.7	51	10.6	15	3.1
Occupational	132	15.9	496	59.9	79	9.5	49	5.9	59	7.1	13	1.6
General Studies	127	15.4	66	8.0	414	50.2	39	4.7	152	18.4	27	3.3
TOTAL	313	14.5	604	28.0	823	38.1	101	4.7	264	12.2	55	2.5
ALL STATE PROGRAMS	543	15.1	1141	31.8	1166	32.5	262	7.3	367	10.2	106	3.0

as their major goal. Twenty two percent cited preparation for transfer to a four-year institution and, interestingly, 14.3 percent had self-enrichment as their goal. Except for fewer students with transfer goals, HCC graduates as a group have about the same educational goals as community college students statewide.

Concerning goal achievement (Table XXVIII), 87.3 percent of HCC graduates reported that they achieved their primary educational goal by the time they graduated. For transfer program graduates, the figure is 100 percent. So, although fewer HCC graduates have transfer goals, students enrolled in transfer programs have a higher rate of goal achievement than HCC occupational and general studies graduates.

Satisfaction with College

The level of goal achievement reported by HCC graduates is reflected in their evaluation of the College and the services they received there. All graduates were asked to rate their satisfaction with the quality of classroom instruction and with the overall quality of the College. Table XXIX shows their responses.

Over 96 percent of HCC graduates indicated they were satisfied or extremely satisfied with the instruction received in their program of study; 98 percent reported they were satisfied or extremely satisfied with the College in general. (NOTE: An evaluation of instruction by individual program is presented in Table XXIXA, Volume II.)

VII. COMPARISON OF 1978 GRADUATES WITH GRADUATES OF PRIOR YEARS

Table XXX presents the composition of recent HCC graduating classes according to degrees/certificates awarded. The total number of degrees/certificates awarded in 1978 was 212 -- a decrease of 7 percent from 1977. The number of occupational associate degrees was the same as in 1977, and certificates of proficiency awarded increased by 13 percent over 1977. Thus, the net loss in the total number of degrees and certificates awarded was a result of decreases in transfer program graduates and general studies graduates.

The post-graduate status of HCC graduates has remained relatively constant over this same period of time. Table XXXI shows the number of employed graduates and the number who continued their education after graduating from HCC. Except for 1973, the percentage breakdown between these two groups has remained about the same with 20 to 30 percent continuing their education and 70 to 80 percent taking jobs after graduation.

Table XXVIII
Goal Achievement

PROGRAM	GOAL ACHIEVED? Yes N	Yes %	No N	No %
HCC				
Transfer	12	100.00	0	.0
Occupational	59	86.3	9	13.2
General Studies	11	73.3	4	26.7
TOTAL (N=102)	89	87.3	13	12.7
STATEWIDE				
Transfer	449	86.0	73	13.9
Occupational	782	89.9	87	10.0
General Studies	755	84.5	139	15.5
TOTAL	2014	87.0	300	12.9
ALL STATE PROGRAMS	3266	84.7	590	15.3

Table XXIX
Satisfaction with Classroom Instruction and Quality of College

PROGRAM	QUALITY OF CLASSROOM INSTRUCTION: Extremely Satisfied N	%	Satisfied N	%	Unsatisfied N	%	QUALITY OF COLLEGE: Extremely Satisfied N	%	Satisfied N	%	Unsatisfied N	%
HCC												
Transfer	7	58.3	5	41.7	0	.0	7	58.3	5	41.7	0	.0
Occupational	28	43.1	37	56.9	3	4.6	28	42.4	38	57.8	2	3.0
General Studies	7	46.7	8	53.3	0	.0	7	46.7	8	53.3	0	.0
TOTAL (N=101)	46	45.1	52	51.0	4	3.9	42	41.6	57	56.4	2	2.0
STATEWIDE												
Transfer	220	51.7	198	46.5	7	1.6	279	52.9	236	44.7	12	2.2
Occupational	303	37.1	479	58.7	33	4.0	326	37.3	521	59.6	26	2.9
General Studies	398	44.6	471	52.8	23	2.6	447	49.9	426	47.6	22	2.5
TOTAL	937	43.3	1160	53.6	64	2.9	1061	45.6	1202	51.7	60	2.5

Table XXX
Comparison of Graduating Classes (1973 to 1978)
By Degree Awarded

YEAR	Transfer Curricula Associate Degree		Occupational Associate Degree		General Studies		Certificate		Total	
	N	%	N	%	N	%	N	%	N	%
1973	9	29.0	3	9.7	19	61.3	-	0.0	31	100
1974	8	6.6	51	42.1	30	24.8	32	26.4	121	100
1975	16	9.8	61	37.2	41	25.0	46	28.0	164	100
1976	30	18.6	56	34.8	39	24.2	36	22.4	161	100
1977	41	18.1	103	45.4	45	19.8	38	16.7	227	100
*1978	28	13.2	103	48.6	38	17.9	43	20.3	212	100

*Six graduates received two degrees

Table XXXI
Comparison of Graduates (1973 to 1978)
By Post-Graduate Status

YEAR	Continued Education		Employed		Total Respondents	
	N	%	N	%	N	%
1973	14	60.9	9	39.1	23	100
1974	22	30.0	83	79.1	105	100
*1975	37	26.1	111	78.2	142	100
*1976	34	27.4	91	73.4	124	100
*1977	36	20.3	153	86.4	177	100
*1978	28	27.2	82	79.6	103	100

*Several graduates in these years were both employed and continuing their education.

VIII. SUMMARY

The 1978 Howard Community College graduating class is highly employment oriented -- as have been all graduating classes since 1974. Nearly 80 percent of the 1978 respondents reported immediate employment after graduation, with over three quarters of these working full-time. In general, those graduates who sought employment found it -- a very positive comment about the quality of HCC occupational programs and their reputation among county employers. It should be noted, however, that when graduates were asked to specify who actually helped them the most in securing employment, most cited sources external to the College.

HCC graduates are more successful in finding jobs related to the educational training they received while in college than their counterparts throughout the state. Nearly two thirds of HCC graduates working full-time reported employment directly related to the curriculum program in which they were enrolled, compared to 47 percent for community college graduates statewide. Over 70 percent of HCC graduates working full-time indicated satisfaction with their job preparation received at the College. Twenty percent said they were extremely satisfied. Most work in Maryland, with 35.5 percent employed in Howard County. Weekly salaries of full-time employed HCC graduates as well as wages paid graduates employed part-time compare favorably with those paid community college graduates throughout the state.

Maryland state colleges and the University of Maryland are the most popular transfer institutions for HCC graduates. For HCC graduates who did transfer, almost 75 percent reported their transfer major to be directly related to their community college curriculum program. Only 50 percent for statewide community college graduates reported a similar direct relationship. Sixty percent of the HCC graduates who transferred said they were extremely satisfied with their preparation for transfer received at the College. Only 36 percent of all Maryland Community College graduates who transferred gave a similar response. Forty six percent of HCC graduates reported a cumulative G.P.A. of 3.5 or better at the transfer institutions. For all Maryland community college graduates enrolled in transfer institutions, the figure was 24 percent.

In sum, both occupational program and transfer program graduates reported a high level of satisfaction with the preparation received at HCC. The accomplishments of the transfer students are particularly noteworthy. Graduates of HCC transfer programs have a higher level of goal achievement than do HCC occupational and general studies graduates -- although the goal achievement level is high in all cases. Still, the percentage of HCC students with transfer goals remains considerably below the state average. In fact, in 1978 the number of transfer curricula associate degrees decreased some 32 percent from the number awarded in 1977.

The 1978 follow-up data show that nearly half of the occupational program graduates chose to enroll at HCC because they were interested in a particular program offered by the College. Transfer graduates, on the other hand, almost always cited convenient location or low cost as the most important reason for enrolling at HCC. That is to say, the transfer curricula in themselves are not attracting students to the College. Renewed efforts should be made, therefore -- based on the results of this study -- to promote these transfer programs and the success of students who have graduated from them.

Appendix A

COMMENTS

Miscellaneous comments by the graduates of 1978 on changes that could be made at Howard Community College to improve graduates' employment and/or transfer performance:

TRANSFER

Arts and Sciences

"The need for more tutors, maybe some comprehensive finals, and a better student voernment and black student government."

Teacher Education

"Let transfer students know which classes are not transferable."

"Counseling Service."

Business Administration

"I had an excellent advisor who kept on target regarding transferring. However, this was not the case with several of my friends. So, make certain advisors know what they are talking about."

"Make students more aware of the existing transfer counseling service. They don't know it is there."

"University of Maryland and other four-year schools only accept 60 credits from community colleges. I think this should be increased to at least 90."

OCCUPATIONAL

Accounting

"Offer more career related programs."

Business Management

"I found the classroom instruction adequate and helpful, although I perceived significant differences in approaches/expectations among instructors. I found the administration extremely beauracratic and cumbersome."

Retailing

"The college was well worth the time."

Secretarial Science

"More information on other types of law, such as communications law--the field in which I work."

"The program was excellent."

"I was satisfied."

Data Processing

"Use of more modern equipment."

"High school counselors told me HCC was not a good place. Thus, I wasted 1 full year at U.M. Work on better public relations and informing high school students!"

"Institute a program of study in the technical engineering disciplines."

"My field experience was not paid employment. Therefore employers merely look at it as training, not experience on a job."

Nursing

"More clinical experience in the hospital."

"More clinical experience, more classroom lectures, less independent study. The instructors should have two years experience in actual hospital experience."

"Encourage more independence in the clinical experience area."

"While the nursing school is adequate in preparation for state board exams, it is deficient in clinical exposure and training. Changes: more time in clinical situations; smaller student/instructor ratios; lectures in third and fourth semesters; closer instruction in skills."

"More clinical 'hands on' experience needed. Many clinical skills were never done on a patient until going to work."

"Have the employer and the educational facility be more aware of the expectations of the employer, so more preparation in the academic/ clinical environment can be completed."

"More clinical experience for nursing program."

"Wider variety of course offerings."

"Toward the last year of nursing, the clinical aspect should offer a more realistic patient workload. More clinical in specialty areas."

"More clinical in hospital settings. Better faculty involvement with students."

"More pharmocology."

"More clinical time needed in hospital. If no more days, then 7-2 p.m. each day."

Carpentry

"Progression of certificate program to degree program, e.g., carpentry to associate in construction engineering and to BS or BA in architecture. The maximum possible in evening or weekend courses."

"More detailed instructions on blue prints, usage of power tools related to construction work."

"Course that I took last year was to obtain carpentry certificate I was totally satisfied with program itself, but I was under the impression that it would help me get a job--it was of no assistance to me on that score."

Biomedical Engineering

"More technical courses with OJT!"

"The college should have a practicum program that includes several weeks of full-time experience plus theory."

GENERAL STUDIES

"I am a full-time art major at UMCP/College Arts and Humanities. There is no way I can over praise HCC. My preparation for transfer was excellent and I am now part of the general honors program at UMCP and loving every minute of it. Keep up the good work!"

"If I had gone on to a four-year school, I would have majored in Business rather than General Studies as G.S. is little help in a specific work area."

"A more diversified language program. My congratulations to your V.A. rep., admissions, and history department."

"Career and employment services need improvement."

Appendix B
CURRENT STATUS OF HCC GRADUATES

I. TRANSFER

Arts and Sciences

Continuing Education
1. Full-time study, Towson State Univeristy
2. Full-time study, Univeristy of Maryland, College Park

Both
1. Full-time study, University of Maryland, Baltimore Campus; full-time utility operator, General Electric
2. Part-time study, University of Maryland; full-time industrial nurse, Westinghouse

Other
1. No information available for 1 graduate

Teacher Education

Employed
1. Full-time group manager, Hecht Company
2. Part-time sales clerk, Jo Ann's Fabric

Continuing Education
1. Full-time study, University of Maryland

Business Administration

Continuing Education
1. Part-time study, public state college in MD. (unnamed)
2. Full-time study, public state college in MD. (unnamed)
3. Full-time study, University of Baltimore

Both
1. Part-time study, University of Maryland; full-time maintenance mechanic, A & P Bakery
2. Full-time study, University of Baltimore; employed (job and employee unnamed)

II. OCCUPATIONAL

Accounting

Employed
1. Full-time staff acountant, Universities Space Research Association
2. Part-time accountant-typist, Howard University

Both
1. Part-time study, MD. community college (unnamed); part-time salesperson, Woodward & Lothrop

Business Management

Employed
1. Full-time manager of marketing plans and controls (command and space systems), IBM Corporation/Federal Systems Division

Both
1. Part-time study, University of Maryland; full-time staff associate, The C & P Telephone Company

Retailing

Employed
1. Full-time hairstylist, Hairmasters
2. Full-time assistant department manger, Hecht Company
3. Part-time receptionist/retail sales, Hecht Company

Both
1. Full-time study (college unnamed; full-time manager (business unnamed)
2. Part-time study, MD. community college (unnamed); full-time head of stock, Woodward & Lothrop

Secretarial Science

Employed
1. Full-time clerk typist, Morrison-Knudsen Saudi Arabia Consortium
2. Full-time secretary, AMF Head Sportswear
3. Full-time secretary, Capitol Records
4. Full-time medical secretary, Luke Kao, M.D.
5. Full-time secretary, Management Design Associates
6. Full-time clerk-typist, HUD National Training Center
7. Full-time secretary, Soil and Land Use Technology, Inc.
8. Full-time senior legal secretary, National Broadcasting Company, Inc.

Both
1. Part-time study, University of Maryland; full-time secretary, ATTT Long Lines
2. Full-time study, MD. community college (unnamed); part-time secretary, HCC

Other
1. Anticipated employment by 1 graduate -- full-time area correspondent for Gilford Instrument Laboratories, Inc.

Data Processing

Employed
1. Full-time data system analysis, National Secrity Agency
2. Full-time junior data assistant, Bendix Field Engineering Corporation
3. Full-time junior programmer, Baltimore Federal Savings and Loan
4. Full-time mail carrier, U.S. Postal Service
5. Full-time manufacturing test engineer, Unitote/Regitel
6. Full-time F & I programmer, Display Data Inc.

Continuing Education
1. Full-time Study, University of Baltimore

Both
1. Part-time study, University of Baltimore; full-time computer programmer, American Standard
2. Part-time study, Loyola College; full-time programmer, Londontown Corporation

Nursing

Employed
1. Full-time staff nurse, Montgomery General Hospital
2. Full-time graduate nurse and team leader, Taylor Manor Hospital
3. Full-time surgical intern in nursing, Johns Hopkins Hospital
4. Full-time registered nurse, Bon Secours Hospital
5. Full-time RN-staff nurse, St. Agnes Hospital
6. Full-time staff nurse, Montgomery General Hospital
7. Full-time staff nurse CNII, Johns Hopkins Hospital
8. Full-time head nurse, Springfield Hospital Center
9. Full-time staff nurse, Montgomery General Hospital
10. Full-time RN, Intensive Care Unit, Johns Hopkins Hospital
11. Full-time staff nurse, Lutheran Hospital
12. Full-time RN, Montgomery General Hospital
13. Full-time LPN, Springfield Hospital Center
14. Full-time RN (hospital unnamed)
15. Full-time staff nurse, Springfield Hospital Center
16. Full-time staff nurse, Holy Cross Hospital
17. Part-time general staff nurse, Lutheran Hospital of Maryland
18. Part-time RN, Hillcrest Clinics
19. Part-time staff nurse, Holy Cross Hospital
20. Part-time staff nurse, Carroll County General Hospital
21. Part-time staff nurse, Holy Cross Hospital
22. Part-time clinical nurse II, John Hopkins Medical Institution
23. Part-time staff RN, Holy Cross Hospital

Continuing Education
1. Full-time study, Out-of-state four-year college (unnamed)

Other
1. Unemployed
2. Unemployed

Carpentry

Employed
1. Full-time supply specialist, Chief Supply Service
2. Full-time director, Hospital Treatment Services, Department of Health and Mental Hygiene
3. Full-time exhibit maker, Smithsonian Institue/Natural History
4. Part-time attorney, IRS, Office of International Operations
5. Part-time clerk, Mid Atlantic Toyota
6. Full-time carpenter, Elview Constructional Company, Colorado

Both
1. Part-time study, Howard Community College; full-time clerk, Safeway
2. Part-time study, Howard Community College; full-time carpenter's helper, Slagl's Construction Company
3. Part-time study, Howard Community College; full-time letter carrier, U.S. Postal Service
4. Full-time study, MD. community college (unnamed); Part-time position (unnamed), Hutch Decoy Carving Company

Biomedical Engineering

Employed
1. Full-time field service associate, Beckman Instruments
2. Full-time engineering technician, Georgetown University Hospital
3. Part-time field service associate, Beckman Instruments

Other
1. Unemployed

Vision Care

Employed
1. Full-time assistant instructor, Howard Community College
2. Full-time optometric technician, Drs. Lester Caplan and Eric Cohen
3. Full-time optometric technician, Barenburg Optometric Service
4. Part-time optometric technician, Elliott J. Klonsky, O.D.

III. GENERAL STUDIES

Employed
1. Full-time U.S. Postal Clerk, Columbia Postal Service
2. Full-time material handler, employer unnamed
3. Full-time position (unnamed), Frances Klein Copeland Personnel Services
4. Full-time expeditor, General Electric Company
5. Employed (no further information given)

Continuing Education
1. Evening study, Johns Hopkins M.L.A.
2. Full-time study, University of Maryland
3. Part-time study, Howard Community College

Both
1. Full-time study, University of Baltimore; part-time secretary/bookkeeper, Oral Pathology Consultants
2. Part-time study, University of Maryland; full-time engineer, Amtrak
3. Full-time study, University of Baltimore; full-time link controller, Bendix Field Engineering Corporation
4. Full-time study, University of Maryland; part-time word processor, Vitro Laboratories

Other
1. Full-time home responsibility
2. Full-time home responsibility
3. Full-time home responsibility
4. Full-time home responsibility

APPENDIX C
MARYLAND PUBLIC COMMUNITY COLLEGES
GRADUATE FOLLOW-UP QUESTIONNAIRE

NO 03058

The purpose of this questionnaire is to help your community college and the State Board for Community Colleges assess and improve their programs. Please complete it promptly and return it in the envelope provided. This form should require less than 10 minutes to complete. All answers will be strictly confidential. Thank you for your assistance.

(Please make corrections if necessary)

_____
(Name)

_____
(Address)

_____

ALL GRADUATES SHOULD COMPLETE PART I.

PART I.

A. Check the items that describe your current status. (check as many as apply)

37 ( ) In school
38 ( ) Employed
39 ( ) Not employed
40 ( ) Full-time home responsibility
41 ( ) In active military services
42 ( ) Other (specify) _____

B. Check the one statement which most closely corresponds to your primary reason for attending this community college. (check one)

( ) 1. Exploration of new career or academic areas
( ) 2. Preparation for immediate entry into a career
( ) 3. Preparation for transfer to a four-year institution
43 ( ) 4. Update skills for a job currently held
( ) 5. Interest and self-enrichment
( ) 6. Other (specify) _____

C. Was your goal (indicated in Item B) achieved by the time you graduated from this community college? (check one)

( ) 1. Yes
44 ( ) 2. No

D. How satisfied were you with the quality of classroom instruction in your program of study? (check one)

( ) 1. Extremely satisfied
45 ( ) 2. Satisfied
( ) 3. Unsatisfied

E. How satisfied were you with the overall quality of this community college? (check one)

( ) 1. Extremely satisfied
46 ( ) 2. Satisfied
( ) 3. Unsatisfied

F. What was the most important reason you chose this community college? (check one)

47
( ) 1. Low cost
( ) 2. Convenient location
( ) 3. Program I wanted was offered
( ) 4. Financial aid was available
( ) 5. Unwilling or unable to attend another college
( ) 6. College's good academic reputation
( ) 7. Advice of friends
( ) 8. Advice of high school counselor

IF YOU ARE IN SCHOOL, COMPLETE PART 2; OTHERWISE, GO TO PART 3.

PART 2.

G. What type of school are you currently attending? (check one)

48
( ) 1. Another Maryland public community college — Enter name of school here: _____
( ) 2. A public State college in Maryland
( ) 3. The University of Maryland
( ) 4. Maryland private four-year college or university _____
( ) 5. A private two-year Maryland college
( ) 6. Maryland technical or commercial school
( ) 7. Out-of-state four-year public college or university
( ) 8. Out-of-state four-year private college or university
( ) 9. Other out-of-state college or university

H. What is your enrollment status in the school indicated above?

49
( ) 1. Part-time
( ) 2. Full-time

I. Indicate your overall grade point average for credits earned at the transfer school (based on a 4-point scale)

50
( ) 1. Less than 2.0
( ) 2. 2.0-2.4
( ) 3. 2.5-2.9
( ) 4. 3.0-3.4
( ) 5. 3.5 and over
( ) 6. Have not yet completed a full semester

J. To what extent was your curriculum program at this community college related to your major at the transfer school?

51
( ) 1. Directly related
( ) 2. Somewhat related
( ) 3. Not related

K. How satisfied were you with your preparation for transfer?

52
( ) 1. Extremely satisfied
( ) 2. Satisfied
( ) 3. Unsatisfied

L. How many credit hours earned at this community college were not accepted at the transfer school?

53
( ) 1. All credit hours accepted
( ) 2. Lost 1-3 credit hours
( ) 3. Lost 4-6 credit hours
( ) 4. Lost 7-12 credit hours
( ) 5. Lost 13-20 credit hours
( ) 6. Lost more than 21 credit hours

IF YOU ARE EMPLOYED, COMPLETE PART 3; OTHERWISE, GO TO PART 4.

PART 3

M. Your current employment status

54
( ) 1. Employed part-time
( ) 2. Employed full-time

N. What is the title of your current position?

_____

Employer's name and address:

55-57

_____

S O C

_____

O. Will you give the college permission to contact your employer for the purpose of evaluating your community college program?

( ) 1. Yes
( ) 2. No

58 Supervisor's name: _____

Supervisor's title: _____

P. When did you begin your present job? (check one)

( ) 1. Before attending this community college
59 ( ) 2. While attending this community college
( ) 3. After graduating from this community college

Q. Geographic location in which you are presently employed. (check one)

( ) 1. Same county/city as this community college
( ) 2. Other county in Maryland
( ) 3. Baltimore City
( ) 4. Washington, D.C.
60 ( ) 5. Delaware
( ) 6. Pennsylvania
( ) 7. Virginia
( ) 8. West Virginia
( ) 9. Other state

R. Relationship between your program at this community college and your job. (check one)

( ) 1. Program directly related to job
61 ( ) 2. Program somewhat related to job
( ) 3. Program not at all related to job

S. If your job is not related to your program of study, check the major reason below (check one)

( ) 1. Could not find job in field of preparation
( ) 2. Better pay in field in which employed
( ) 3. Better opportunity for advancement in field in which employed
62 ( ) 4. Did not want to work in the field of preparation
( ) 5. Program of study at this college was not career-oriented
( ) 6. Other (please explain) _____

T. If you are employed full-time what is your current weekly salary without overtime and before deductions? (check one)

63
( ) 1. $0-$145
( ) 2. $146-$175
( ) 3. $176-$205
( ) 4. $206-$235
( ) 5. $236-$265
( ) 6. $266-$295
( ) 7. $296-$325
( ) 8. $326 and above

64-67 U. If you are employed part-time, what is your hourly salary $_____

68-69 On the average, how many hours per week do you work? _____ hours

V. Who helped you locate your current job? (check as many as appropriate)

70 ( ) Faculty member
71 ( ) College Placement Office
72 ( ) Newspaper
73 ( ) Employment agency
74 ( ) Contacted employer on my own
75 ( ) Family or friend
76 ( ) Other

W. How satisfied are you with your community college preparation for employment? (check one)

77
( ) 1. Extremely satisfied
( ) 2. Satisfied
( ) 3. Unsatisfied

IF YOU ARE NOT EMPLOYED, COMPLETE PART 4.

PART 4

X. Please check one.

78
( ) 1. I am seeking a job
( ) 2. I am not seeking a job

Y. If you are seeking a job, please check the major reason you have been unable to secure employment. (check one)

79
( ) 1. Salary too low in the field for which I was prepared at the community college
( ) 2. There are few openings in the field for which I was prepared
( ) 3. I need more education to qualify for the job I want
( ) 4. I have changed my career objective since graduation
( ) 5. I have not looked hard enough

What changes could be made to your community college program to improve a graduate's employment and/or transfer performance?

_____

_____

Thank you for completing this questionnaire. Please return it in the enclosed prepaid envelope.

FOLLOW-UP OF 1978 GRADUATES, VOLUME II

BY

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Howard Community College
Columbia, Maryland

September 1979

PREFACE

This document is a supplement to Follow-Up of 1978 Graduates, Volume I. It contains graduate follow-up data by individual programs of learning. Data on 1978 Howard Community College graduates and comparable data on all Maryland community college graduates are presented.

Table numbers are keyed to the tables appearing in Volume I.

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Table IXA
Employment Status of HCC Graduates
(N=82)

PROGRAM	PART-TIME		FULL-TIME	
	N	%	N	%
Transfer				
Arts and Sci.	0	.0	2	100.0
Teacher Ed.	1	50.0	1	50.0
Bus. Admin.	0	.0	1	100.0
SUB-TOTAL TRANSFER	1	20.0	4	80.0
Occupational				
Acctg.	2	66.7	1	33.3
Bus. Mgmt.	0	.0	2	100.0
Retailing	1	20.0	4	80.0
Sec. Sci.	1	11.1	8	88.9
Data Prec.	0	.0	8	100.0
Nursing	5	25.0	15	75.0
Carpentry	3	33.3	6	66.7
BMET	1	33.3	2	66.7
Vision Care	1	25.0	3	75.0
SUB-TOTAL OCCUPATIONAL	14	22.2	49	77.8
General Studies	1	14.3	6	85.7
Undeclared Program	3	42.9	4	57.1
TOTAL	19	23.2	63	76.8

Table IXB
Employment Status of Statewide
Community College Graduates

PROGRAM	PART-TIME		FULL-TIME	
	N	%	N	%
Transfer				
Arts and Sci.	45	37.8	74	62.2
Teacher Ed.	38	47.5	42	52.5
Bus. Admin.	57	30.0	133	70.0
SUB-TOTAL TRANSFER	140	36.0	249	63.8
Occupational				
Acctg.	24	26.1	68	73.9
Bus. Mgmt.	3	5.7	50	94.3
Retailing	7	23.3	23	76.7
Sec. Sci.	26	15.5	142	84.5
Data Proc.	18	16.2	93	83.8
Nursing	89	22.7	303	77.3
Carpentry	3	33.3	6	66.7
BMET	1	33.3	2	66.7
Plant Sci.	1	16.7	5	83.3
SUB-TOTAL OCCUPATIONAL	172	19.9	692	80.0
General Studies	204	32.0	434	68.0
Undeclared Program	15	41.7	21	58.3
TOTAL	531	27.5	1396	72.4
ALL STATE PROGRAMS	870	26.9	2368	73.1

Table XIIA
When Present Job Began, HCC Graduates
(Employed Full-Time)
(N=62)

PROGRAM	BEFORE ATTENDING HCC		WHILE ATTENDING HCC		AFTER ATTENDING HCC	
	N	%	N	%	N	%
Transfer						
Arts and Sci.	0	.0	1	50.0	1	50.0
Teacher Ed.	0	.0	1	100.0	0	.0
Bus. Admin.	1	100.0	0	.0	0	.0
SUB-TOTAL TRANSFER	1	25.0	2	50.0	1	25.0
Occupational						
Acctg.	0	.0	0	.0	1	100.0
Bus. Mgmt.	2	100.0	0	.0	0	.0
Retailing	2	50.0	1	25.0	1	25.0
Sec. Sci.	0	.0	2	25.0	6	75.0
Data Proc.	1	12.5	1	12.5	6	75.0
Nursing	4	26.7	1	6.7	10	66.7
Carpentry	4	66.7	0	.0	2	33.3
BMET	0	.0	0	.0	2	100.0
Vision Care	0	.0	1	33.3	2	66.7
SUB-TOTAL OCCUPATIONAL	13	26.5	6	12.2	30	61.2
General Studies	4	66.7	0	.0	2	33.3
Undeclared Program	1	33.3	0	.0	2	66.7
TOTAL	19	30.6	8	12.9	35	56.5

Table XIIB
When Present Job Began, Statewide Graduates
(Employed Full-Time)

PROGRAM	BEFORE ATTENDING		WHILE ATTENDING		AFTER ATTENDING	
	N	%	N	%	N	%
Transfer						
Arts and Sci.	19	38.0	12	24.0	19	38.0
Teacher Ed.	11	31.4	12	34.3	12	34.3
Bus. Admin.	51	42.9	38	31.9	30	25.2
SUB-TOTAL TRANSFER	81	39.7	62	30.3	61	29.9
Occupational						
Acctg.	25	44.6	13	23.2	18	32.1
Bus. Mgmt.	20	41.7	13	27.1	15	31.3
Retailing	7	41.2	4	23.5	6	35.3
Sec. Sci.	3	2.3	21	15.9	108	81.8
Data Proc.	30	36.1	21	25.3	32	38.6
Nursing	20	6.9	13	4.5	258	88.7
Carpentry	4	66.7	0	.0	2	33.3
EMET	0	.0	0	.0	2	100.0
Plant Sci.	1	20.0	2	40.0	2	40.0
SUB-TOTAL OCCUPATIONAL	110	17.1	87	13.5	443	69.2
General Studies	162	38.2	92	21.7	170	40.1
Undeclared Program	3	16.7	5	27.8	10	55.6
TOTAL	356	27.6	246	19.1	684	53.1
ALL STATE PROGRAMS	641	29.1	408	18.5	1155	52.4

Table XIIIA

Employment Location of HCC Graduates
(Employed Full-Time)
(N=62)

PROGRAM	Same County		Other Md. County		Balt. City		Wash. D.C.		Del.		Penna.		Va.		W. Va.		Other State	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Transfer																		
Arts and Sci.	1	50.0	1	50.0	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0
Teacher Ed.	1	100.0	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0
Bus. Admin.	0	.0	0	.0	1	100.0	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0
SUB-TOTAL TRANSFER	2	50.0	1	25.0	1	25.0	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0
Occupational																		
Acctg.	1	100.0	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0
Bus. Mgmt.	0	.0	2	100.0	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0
Retailing	4	100.0	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0
Sec. Sci.	5	62.5	0	.0	0	.0	2	25.0	0	.0	0	.0	0	.0	0	.0	1	12.5
Data Proc.	1	12.5	4	50.0	3	37.5	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0
Nursing	1	6.7	9	60.0	5	33.3	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0
Carpentry	0	.0	2	33.3	2	33.3	1	16.7	0	.0	0	.0	0	.0	0	.0	1	16.7
EMET	0	.0	0	.0	0	.0	1	100.0	0	.0	0	.0	0	.0	0	.0	0	.0
Vision Care	2	66.7	1	33.3	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0
SUB-TOTAL OCCUPATIONAL	14	29.2	18	37.5	10	20.8	4	8.3	0	.0	0	.0	0	.0	0	.0	2	4.2
General Studies	44	66.7	1	16.7	0	.0	1	16.7	0	.0	0	.0	0	.0	0	.0	0	.0
Undeclared Program	2	50.0	1	25.0	1	25.0	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0
TOTAL	22	35.5	21	33.9	12	19.4	5	8.1	0	.0	0	.0	0	.0	0	.0	2	3.2

Table XIIIB
Employment Location of Statewide Graduates
(Employed Full-Time)

PROGRAM	Same County		Other Md. County		Balt. City		Wash. D.C.		Del.		Penna.		Va.		W. Va.		Other State	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Transfer																		
Arts and Sci.	23	48.9	8	17.0	8	17.0	5	10.6	2	4.3	0	.0	0	.0	0	.0	1	2.1
Teacher Ed.	21	61.8	3	8.8	2	5.9	6	17.6	0	.0	0	.0	0	.0	0	.0	2	5.9
Bus. Admin.	55	50.9	18	16.7	16	14.8	13	12.0	3	2.8	0	.0	2	1.9	0	.0	1	.9
SUB-TOTAL TRANSFER	99	52.3	29	15.3	26	13.7	24	12.6	5	2.6	0	.0	2	1.0	0	.0	4	2.1
Occupational																		
Acctg.	16	32.0	9	18.0	19	38.0	5	10.0	0	.0	0	.0	1	2.0	0	.0	0	.0
Bus. Mgmt.	20	43.5	13	28.3	10	21.7	2	4.3	0	.0	1	2.2	0	.0	0	.0	0	.0
Retailing	10	58.8	5	29.4	2	11.8	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0
Sec. Sci.	72	54.5	15	11.4	16	12.1	21	15.9	1	.8	3	2.3	1	.8	0	.0	3	2.3
Data Proc.	39	49.4	15	19.0	12	15.2	10	12.7	0	.0	2	2.5	1	1.3	0	.0	0	.0
Nursing	112	39.6	38	13.4	98	34.6	15	5.3	1	.4	2	.7	2	.7	6	2.1	9	3.2
Carpentry	0	.0	2	33.3	2	33.3	1	16.7	0	.0	0	.0	0	.0	0	.0	1	16.7
BMET	0	.0	0	.0	0	.0	1	100.0	0	.0	0	.0	0	.0	0	.0	0	.0
Plant Sci.	3	60.0	2	40.0	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0
SUB-TOTAL OCCUPATIONAL	272	43.9	99	15.9	159	25.6	55	8.8	2	.03	8	1.2	5	.08	6	.09	13	2.1
General Studies	200	48.9	74	18.1	87	21.3	24	5.9	3	.7	3	.7	10	2.4	0	.0	8	2.0
Undeclared Program	10	58.8	2	11.8	1	5.9	4	23.5	0	.0	0	.0	0	.0	0	.0	0	.0
TOTAL	581	47.0	204	16.5	273	22.1	107	8.6	10	.8	11	.8	17	1.3	6	.04	25	2.0
ALL STATE PROGRAMS	974	45.7	413	19.4	422	19.8	166	7.8	15	.7	28	1.3	43	2.0	13	.6	58	2.7

Table XVA
Weekly Salary of Employed (Full-Time)
HCC Graduates
(N=59)

PROGRAM	$0-145		$146-175		$176-205		$206-235		$236-265		$266-295		$296-325		$326 + above	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Transfer																
Arts and Sci.	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0	2	100.0	0	.0
Teacher Ed.	0	.0	0	.0	0	.0	0	.0	1	100.0	0	.0	0	.0	0	.0
Bus. Admin.	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0	1	100.0
SUB-TOTAL TRANSFER	0	.0	0	.0	0	.0	0	.0	1	25.0	0	.0	2	50.0	1	25.0
Occupational																
Acctg.	0	.0	0	.0	0	.0	1	100.0	0	.0	0	.0	0	.0	0	.0
Bus. Mgmt.	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0	2	100.0
Retail	1	33.3	1	33.3	0	.0	1	33.3	0	.0	0	.0	0	.0	0	.0
Sec. Sci.	1	12.5	4	50.0	1	12.5	2	25.0	0	.0	0	.0	0	.0	0	.0
Data Proc.	0	.0	1	12.5	2	25.0	2	25.0	0	.0	1	12.5	0	.0	2	25.0
Nursing	0	.0	0	.0	2	14.3	2	14.3	7	50.0	3	21.4	0	.0	0	.0
Carpentry	0	.0	0	.0	1	20.0	0	.0	0	.0	0	.0	1	20.0	3	60.0
BMET	0	.0	0	.0	0	.0	1	50.0	0	.0	1	50.0	0	.0	0	.0
Vision Care	1	33.3	1	33.3	0	.0	1	33.3	0	.0	0	.0	0	.0	0	.0
SUB-TOTAL OCCUPATIONAL	3	6.5	7	15.2	6	13.0	10	21.7	7	15.2	5	10.9	1	2.2	7	15.2
General Studies	0	.0	0	.0	0	.0	1	20.0	1	20.0	0	.0	1	20.0	2	40.0
Undeclared Program	1	25.0	1	25.0	1	25.0	0	.0	1	25.0	0	.0	0	.0	0	.0
TOTAL	4	6.8	8	13.6	7	11.9	11	18.6	10	16.9	5	8.5	4	6.8	10	16.9

Table XVB

Weekly Salary of Employed (Full-Time) Statewide Graduates

PROGRAM	$0-145		$146-175		$176-205		$206-235		$236-265		$266-295		$296-325		$326 + above	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Transfer																
Arts and Sci.	15	25.9	6	10.3	9	15.5	4	6.9	5	8.6	3	5.2	6	10.3	10	17.2
Teacher Ed.	10	31.3	3	9.4	5	15.6	3	9.4	4	12.5	1	3.1	1	3.1	5	15.6
Bus. Admin.	10	10.3	9	9.3	16	16.5	5	5.2	8	8.2	6	6.2	10	10.3	33	34.0
SUB-TOTAL TRANSFER	35	18.7	18	9.6	30	16.0	12	6.4	17	9.0	10	5.3	17	9.0	48	25.6
Occupational																
Acctg.	9	16.7	4	7.4	5	9.3	4	7.4	6	11.1	8	14.8	5	9.3	13	24.1
Bus. Mgmt.	5	11.1	3	6.7	5	11.1	6	13.3	7	15.6	3	6.7	3	6.7	13	28.9
Retailing	5	27.8	2	11.1	0	.0	2	11.1	2	11.1	0	.0	1	5.6	6	33.3
Sec. Sci.	39	30.0	36	27.7	32	24.6	15	11.5	5	3.8	0	.0	2	1.5	1	.8
Data Proc.	6	8.8	9	13.2	9	13.2	11	16.2	5	7.4	3	4.4	2	2.9	23	33.8
Nursing	6	2.2	24	8.8	24	8.8	44	16.1	124	45.4	33	12.1	7	2.6	11	4.0
Carpentry	0	.0	0	.0	1	20.0	0	.0	0	.0	0	.0	1	20.0	3	60.0
BMET	0	.0	0	.0	0	.0	1	50.0	0	.0	1	50.0	0	.0	0	.0
Plant Sci.	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0
SUB-TOTAL OCCUPATIONAL	70	11.2	78	12.5	76	12.2	110	17.6	149	23.9	48	7.7	21	3.3	70	11.2
General Studies	46	12.3	43	11.5	56	15.0	44	11.8	35	9.4	32	8.6	34	9.1	84	22.5
Undeclared Program	2	16.7	3	25.0	3	25.0	0	.0	3	25.0	0	.0	0	.0	1	8.3
TOTAL	153	12.8	142	11.8	165	13.8	166	13.8	204	17.0	90	7.5	72	6.0	203	16.9
ALL STATE PROGRAMS	273	13.5	281	13.9	310	15.3	254	12.5	302	14.9	164	8.1	130	6.4	314	15.5

Table XVIA
Relationship Between Program and Job for HCC Graduates
(Employed Full-Time)
(N=61)

PROGRAM	DIRECTLY RELATED		SOMEWHAT RELATED		NOT RELATED	
	N	%	N	%	N	%
Transfer						
Arts and Sci.	0	.0	0	.0	2	100.0
Teacher Ed.	0	.0	0	.0	1	100.0
Bus. Admin.	0	.0	0	.0	1	100.0
SUB-TOTAL TRANSFER	0	.0	0	.0	4	100.0
Occupational						
Acctg.	1	100.0	0	.0	0	.0
Bus. Mgmt.	0	.0	2	100.0	0	.0
Retailing	2	50.0	1	25.0	1	25.0
Sec. Sci.	7	87.5	1	12.5	0	.0
Data Proc.	4	50.0	3	37.5	1	12.5
Nursing	15	100.0	0	.0	0	.0
Carpentry	3	60.0	0	.0	2	40.0
EMET	1	50.0	1	50.0	0	.0
Vision Care	3	100.0	0	.0	0	.0
SUB-TOTAL OCCUPATIONAL	36	75.0	8	16.7	4	8.3
General Studies	0	.0	4	66.7	2	33.3
Undeclared Program	2	66.7	0	.0	1	33.3
TOTAL	38	62.3	12	19.7	11	18.0

Table XVIB
Relationship Between Program and Job for Statewide Graduates
(Employed Full-Time)

PROGRAM	DIRECTLY RELATED		SOMEWHAT RELATED		NOT RELATED	
	N	%	N	%	N	%
Transfer						
Arts and Sci.	12	16.9	28	39.4	31	43.7
Teacher Ed.	9	21.4	13	31.0	20	47.6
Bus. Admin.	38	29.5	55	42.6	36	27.9
SUB-TOTAL TRANSFER	59	24.3	96	39.6	87	35.9
Occupational						
Acctg.	29	43.3	20	29.9	18	26.9
Bus. Mgmt.	14	28.0	32	64.0	4	8.0
Retailing	11	47.8	5	21.7	7	30.4
Sec. Sci.	95	67.4	40	28.4	6	4.3
Data Proc.	56	61.5	25	27.5	10	11.0
Nursing	286	94.4	14	4.6	3	1.0
Carpentry	3	60.0	0	.0	2	40.0
BMET	1	50.0	1	50.0	0	.0
Plant Sci.	4	80.0	1	20.0	0	.0
SUB-TOTAL OCCUPATIONAL	499	72.6	138	20.0	50	7.2
General Studies	81	18.8	174	40.4	176	40.8
Undeclared Program	12	63.2	3	15.8	4	21.1
TOTAL	651	47.2	411	29.8	317	22.9
ALL STATE PROGRAMS	1255	53.7	605	25.9	477	20.4

Table XVIIA
Reason Why HCC Program Not Related to Job (N=10)

PROGRAM	NO JOBS IN FIELD		FOUND BETTER PAY		FOUND BETTER OPPORTUNITY		DIDN'T WANT WORK IN MY FIELD		PROGRAM NOT CAREER ORIENTED		OTHER REASON	
	N	%	N	%	N	%	N	%	N	%	N	%
Transfer												
Arts and Sci.	0	.0	0	.0	0	.0	0	.0	2	100.0	0	.0
Teacher Ed.	0	.0	1	100.0	0	.0	0	.0	0	.0	0	.0
Bus. Admin.	1	100.0	0	.0	0	.0	0	.0	0	.0	0	.0
SUB-TOTAL TRANSFER	1	25.0	1	25.0	0	.0	0	.0	2	50.0	0	.0
Occupational												
Acctg.	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0
Bus. Mgmt.	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0
Retailing	0	.0	0	.0	0	.0	1	100.0	0	.0	0	.0
Sec. Sci.	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0
Data Proc.	1	100.0	0	.0	0	.0	0	.0	0	.0	0	.0
Nursing	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0
Carpentry	0	.0	0	.0	0	.0	0	.0	0	.0	1	100.0
BMET	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0
Vision Care	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0
SUB-TOTAL OCCUPATIONAL	1	33.3	0	.0	0	.0	1	33.3	0	.0	1	33.3
General Studies	0	.0	0	.0	0	.0	0	.0	2	100.0	0	.0
Undeclared Program	0	.0	0	.0	0	.0	0	.0	1	100.0	0	.0
TOTAL	2	20.0	1	10.0	0	.0	1	100.0	5	50.0	1	10.0

Table XVIIB
Reason Why Community College Program Not Related To Job

PROGRAM	NO JOBS IN FIELD		FOUND BETTER PAY		FOUND BETTER OPPORTUNITY		DIDN'T WANT WORK IN MY FIELD		PROGRAM NOT CAREER ORIENTED		OTHER REASON	
	N	%	N	%	N	%	N	%	N	%	N	%
Transfer												
Arts and Sci.	0	.0	0	.0	3	20.0	2	13.3	6	40.0	4	26.7
Teacher Ed.	2	15.4	5	38.5	0	.0	1	7.7	1	7.7	4	30.8
Bus. Admin.	8	36.4	4	18.2	1	4.5	1	4.5	1	4.5	7	31.8
SUB-TOTAL TRANSFER	10	.2	9	18.0	4	8.0	4	8.0	8	16.0	15	.03
Occupational												
Acctg.	3	37.5	1	12.5	1	12.5	1	12.5	0	.0	2	25.0
Bus. Mgmt.	2	50.0	0	.0	0	.0	0	.0	1	25.0	1	25.0
Retailing	0	.0	2	50.0	0	.0	1	25.0	0	.0	1	25.0
Sec. Sci.	4	66.7	1	16.7	0	.0	0	.0	0	.0	1	16.7
Data Proc.	2	33.3	2	33.3	0	.0	1	16.7	0	.0	1	16.7
Nursing	0	.0	0	.0	0	.0	0	.0	0	.0	3	100.0
Carpentry	0	.0	0	.0	0	.0	0	.0	0	.0	1	100.0
BMET	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0
Plant Sci.	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0
SUB-TOTAL OCCUPATIONAL	11	3.4	6	1.8	1	3.1	3	9.3	1	3.1	10	31.2
General Studies	17	11.0	20	13.0	11	7.1	5	3.2	62	40.3	39	25.3
Undeclared Program	0	.0	0	.0	0	.0	0	.0	1	100.0	0	.0
TOTAL	38	16.0	35	14.7	16	6.7	12	5.0	72	30.3	64	27.0
ALL STATE PROGRAMS	89	24.5	62	17.0	26	7.1	21	5.8	80	22.0	86	23.6

Table XVIIIA
Satisfaction of Employed (Full-Time) Graduates with HCC Preparation for Job
(N=59)

PROGRAM	Extremely Satisfied		Satisfied		Unsatisfied	
	N	%	N	%	N	%
Transfer						
Arts and Sci.	0	.0	1	100.0	0	.0
Teacher Ed.	0	.0	1	100.0	0	.0
Bus. Admin.	0	.0	1	100.0	0	.0
SUB-TOTAL TRANSFER	0	.0	3	100.0	0	.0
Occupational						
Acctg.	0	.0	1	100.0	0	.0
Bus. Mgmt.	0	.0	2	100.0	0	.0
Retailing	0	.0	4	100.0	0	.0
Sec. Sci.	4	50.0	4	50.0	0	.0
Data Proc.	0	.0	6	85.7	1	14.3
Nursing	2	13.3	12	80.0	1	6.7
Carpentry	2	40.0	3	60.0	0	.0
BMET	0	.0	1	50.0	1	50.0
Vision Care	2	66.7	1	33.3	0	.0
SUB-TOTAL OCCUPATIONAL	10	21.3	34	72.3	3	64.0
General Studies	1	20.0	4	80.0	0	.0
Undeclared Program	1	25.0	3	75.0	0	.0
TOTAL	12	20.3	44	74.6	3	5.1

Table XVIIIB
Satisfaction of Statewide Employed (Full-Time) Graduates with College Preparation for Job

PROGRAM	Extremely Satisfied		Satisfied		Unsatisfied	
	N	%	N	%	N	%
Transfer						
Arts and Sci.	7	20.6	25	73.5	2	5.9
Teacher Ed.	2	7.7	20	76.9	4	15.4
Bus. Admin.	13	15.1	68	79.1	5	5.8
SUB-TOTAL TRANSFER	22	15.0	113	77.3	11	7.5
Occupational						
Acctg.	10	21.7	33	71.7	3	6.5
Bus. Mgmt.	9	20.5	32	72.7	3	6.8
Retailing	3	17.6	12	70.6	2	11.8
Sec. Sci.	58	44.6	69	53.1	3	2.3
Data Proc.	16	24.2	47	71.2	3	4.5
Nursing	80	30.1	170	63.9	16	6.0
Carpentry	2	40.0	3	60.0	0	.0
BMET	0	.0	1	50.0	1	50.0
Plant Sci.	2	40.0	2	40.0	1	20.0
SUB-TOTAL OCCUPATIONAL	180	30.9	369	63.5	32	5.5
General Studies	61	17.6	247	71.4	38	11.0
Undeclared Program	3	25.0	8	66.7	1	8.3
TOTAL	266	24.5	737	67.9	82	7.5
ALL STATE PROGRAMS	514	26.9	1246	65.3	148	7.8

Table XXA
HCC Transfer Students By Enrollment Status
(N=27)

PROGRAM	ENROLLMENT STATUS			
	Full-Time		Part-Time	
	N	%	N	%
Transfer				
Arts and Sci.	1	25.0	3	75.0
Teacher Ed.	0	.0	1	100.0
Bus. Admin.	2	50.0	2	50.0
SUB-TOTAL TRANSFER	3	33.3	6	66.7
Occupational				
Acctg.	2	100.0	0	.0
Bus. Mgmt.	1	100.0	0	.0
Retailing	1	100.0	0	.0
Sec. Sci.	1	50.0	1	50.0
Data Proc.	2	66.7	1	33.3
Nursing	0	.0	1	100.0
Carpentry	2	66.7	1	33.3
BMET	0	.0	0	.0
Vision Care	0	.0	0	.0
SUB-TOTAL OCCUPATIONAL	9	69.2	4	30.8
General Studies	1	25.0	3	75.0
Undeclared Program	0	.0	1	100.0
TOTAL	13	48.1	14	51.9

Table XXB
Statewide Transfer Students By Enrollment Status

PROGRAM	ENROLLMENT STATUS			
	Full-Time		Part-Time	
	N	%	N	%
Transfer				
Arts and Sci.	20	23.5	65	76.5
Teacher Ed.	15	18.1	68	81.9
Bus. Admin.	58	37.7	96	62.3
SUB-TOTAL TRANSFER	93	28.8	229	71.1
Occupational				
Acctg.	30	68.2	14	31.8
Bus. Mgmt.	19	65.5	10	34.5
Retailing	3	50.0	3	50.0
Sec. Sci.	7	36.8	12	63.2
Data Proc.	26	63.4	15	36.6
Nursing	28	73.7	10	26.3
Carpentry	2	66.7	1	33.3
BMET	0	.0	0	.0
Plant Sci.	0	.0	0	.0
SUB-TOTAL OCCUPATIONAL	115	63.8	65	36.1
General Studies	193	35.0	359	65.0
Undeclared Program	8	33.3	16	66.7
TOTAL	534	44.3	669	55.6
ALL STATE PROGRAMS	617	37.3	1038	62.7

Table XXIIA
Relationship Between HCC Curriculum Program and Transfer Major
(N=27)

PROGRAM	Directly Related		Somewhat Related		Not Related	
	N	%	N	%	N	%
Transfer						
Arts and Sci.	2	50.0	0	.0	2	50.0
Teacher Ed.	1	100.0	0	.0	0	.0
Bus. Admin.	4	100.0	0	.0	0	.0
SUB-TOTAL TRANSFER	7	77.8	0	.0	2	22.2
Occupational						
Acctg.	1	50.0	0	.0	1	50.0
Bus. Mgmt.	1	100.0	0	.0	0	.0
Retailing	0	.0	0	.0	0	.0
Sec. Sci.	1	50.0	1	50.0	0	.0
Data Proc.	3	100.0	0	.0	0	.0
Nursing	0	.0	1	100.0	0	.0
Carpentry	1	33.3	2	66.7	0	.0
BMET	0	.0	0	.0	0	.0
Vision Care	0	.0	0	.0	0	.0
SUB-TOTAL OCCUPATIONAL	7	58.3	4	33.3	1	8.3
General Studies	5	100.0	0	.0	0	.0
Undeclared Program	1	100.0	0	.0	0	.0
TOTAL	20	74.1	4	14.8	3	11.1

Table XXIIB
Relationship Between Community College Program and Transfer Major

PROGRAM	Directly Related		Somewhat Related		Not Related	
	N	%	N	%	N	%
Transfer						
Arts and Sci.	50	59.5	29	34.5	5	6.0
Teacher Ed.	60	69.8	21	24.4	5	5.8
Bus. Admin.	127	84.7	19	12.7	4	2.7
SUB-TOTAL TRANSFER	237	74.0	69	21.5	14	4.3
Occupational						
Acctg.	35	79.5	6	13.6	3	6.8
Bus. Mgmt.	18	62.1	10	34.5	1	3.4
Retailing	2	40.0	2	40.0	1	20.0
Sec. Sci.	6	33.3	5	27.8	7	38.9
Data Proc.	26	63.4	15	36.6	0	.0
Nursing	28	73.7	6	15.8	4	10.5
Carpentry	1	33.3	2	66.7	0	.0
EMET	0	.0	0	.0	0	.0
Plant Sci.	0	.0	0	.0	0	.0
SUB-TOTAL OCCUPATIONAL	116	65.1	46	25.8	16	8.9
General Studies	184	34.8	283	53.5	62	11.7
Undeclared Program	5	23.8	10	47.6	6	28.6
TOTAL	542	51.7	408	38.9	98	9.3
ALL STATE PROGRAMS	908	56.5	549	34.1	151	9.4

Table XXIIIA
Satisfaction of HCC Students with Preparation for Transfer
(N=25)

PROGRAM	HOW SATISFIED?					
	Extremely Satisfied		Satisfied		Unsatisfied	
	N	%	N	%	N	%
Transfer						
Arts and Sci.	2	66.7	1	33.3	0	.0
Teacher Ed.	1	100.0	0	.0	0	.0
Bus. Admin.	4	100.0	0	.0	0	.0
SUB-TOTAL TRANSFER	7	37.5	1	12.5	0	.0
Occupational						
Acctg.	0	.0	1	50.0	1	50.0
Bus. Mgmt.	0	.0	1	100.0	0	.0
Retailing	0	.0	0	.0	0	.0
Sec. Sci.	1	50.0	1	50.0	0	.0
Data Proc.	3	100.0	0	.0	0	.0
Nursing	0	.0	1	100.0	0	.0
Carpentry	0	.0	2	100.0	0	.0
BMET	0	.0	0	.0	0	.0
Vision Care	0	.0	0	.0	0	.0
SUB-TOTAL OCCUPATIONAL	4	36.4	6	54.5	1	9.1
General Studies	3	60.0	2	40.0	0	.0
Undeclared Program	1	100.0	0	.0	0	.0
TOTAL	15	60.0	9	36.0	1	4.0

Table XXIIIB
Satisfaction of Maryland Community College Students with
Preparation for Transfer

PROGRAM	HOW SATISFIED?					
	Extremely Satisfied		Satisfied		Unsatisfied	
	N	%	N	%	N	%
Transfer						
Arts and Sci.	34	45.9	37	50.0	3	4.1
Teacher Ed.	33	41.2	41	51.2	6	7.5
Bus. Admin.	56	46.7	60	50.0	4	3.3
SUB-TOTAL TRANSFER	123	44.8	138	50.3	13	4.7
Occupational						
Acctg.	17	43.6	17	43.6	5	12.8
Bus. Mgmt.	8	27.6	16	55.2	5	17.2
Retailing	1	25.0	3	75.0	0	.0
Sec. Sci.	6	40.0	8	53.3	1	6.7
Data Proc.	13	40.6	16	50.0	3	9.4
Nursing	5	19.2	18	69.2	3	11.5
Carpentry	0	.0	2	100.0	0	.0
BMET	0	.0	0	.0	0	.0
Plant Sci.	0	.0	0	.0	0	.0
SUB-TOTAL OCCUPATIONAL	50	34.0	80	54.4	17	11.5
General Studies	184	36.8	282	56.4	34	6.8
Undeclared Program	3	20.0	12	80.0	0	.0
TOTAL	360	38.4	512	54.7	64	6.8
ALL STATE PROGRAMS	519	35.9	805	55.6	123	8.5

Table XXIVA
GPA of HCC Transfer Students
(N=24)

PROGRAM	Less than 2.0		2.0-2.4		2.5-2.9		3.0-3.4		3.5 + over	
	N	%	N	%	N	%	N	%	N	%
Transfer										
Arts and Sci.	0	.0	1	33.3	1	33.3	0	.0	1	33.3
Teacher Ed.	0	.0	0	.0	0	.0	1	100.0	0	.0
Bus. Admin.	0	.0	0	.0	0	.0	3	75.0	1	25.0
SUB-TOTAL TRANSFER	0	.0	1	12.5	1	12.5	4	50.0	2	25.0
Occupational										
Acctg.	0	.0	0	.0	0	.0	1	100.0	0	.0
Bus. Mgmt.	0	.0	0	.0	0	.0	0	.0	1	100.0
Retailing	0	.0	0	.0	0	.0	0	.0	1	100.0
Sec. Sci.	0	.0	0	.0	0	.0	1	100.0	0	.0
Data Proc.	0	.0	0	.0	0	.0	0	.0	2	100.0
Nursing	0	.0	0	.0	0	.0	1	100.0	0	.0
Carpentry	0	.0	1	33.3	1	33.3	0	.0	1	33.3
EMET	0	.0	0	.0	0	.0	0	.0	0	.0
Vision Care	0	.0	0	.0	0	.0	0	.0	0	.0
SUB-TOTAL OCCUPATIONAL	0	.0	1	10.0	1	10.0	3	30.0	5	50.0
General Studies	0	.0	0	.0	0	.0	1	20.0	4	80.0
Undeclared Program	0	.0	0	.0	0	.0	1	100.0	0	.0
TOTAL	0	.0	2	8.3	2	8.3	9	37.5	11	45.8

Table XXIVB
GPA of Statewide Transfer Students

PROGRAM	Less than 2.0		2.0-2.4		2.5-2.9		3.0-3.4		3.5 + over	
	N	%	N	%	N	%	N	%	N	%
Transfer										
Arts and Sci.	1	1.4	4	5.8	14	20.3	29	42.0	21	30.4
Teacher Ed.	0	.0	5	7.0	12	16.9	35	49.3	19	26.8
Bus. Admin.	1	.9	15	13.2	24	21.1	43	37.7	31	27.2
SUB-TOTAL TRANSFER	2	.07	24	9.4	50	19.6	107	42.1	71	27.9
Occupational										
Acctg.	0	.0	6	16.7	8	22.2	11	30.6	11	30.5
Bus. Mgmt.	1	4.2	4	16.7	8	33.3	10	41.7	1	4.2
Retailing	0	.0	1	20.0	1	20.0	2	40.0	1	20.0
Sec. Sci.	0	.0	1	8.3	3	25.0	6	50.0	2	16.7
Data Proc.	2	7.1	4	14.3	8	28.6	4	14.3	10	35.7
Nursing	0	.0	0	.0	7	36.8	9	47.4	3	15.8
Carpentry	0	.0	1	33.3	1	33.3	0	.0	1	33.3
EMET	0	.0	0	.0	0	.0	0	.0	0	.0
Plant Sci.	0	.0	0	.0	0	.0	0	.0	0	.0
SUB-TOTAL OCCUPATIONAL	3	2.3	17	13.3	36	28.3	42	33.0	29	22.8
General Studies	16	3.6	53	11.9	108	24.2	156	35.0	113	25.3
Undeclared Program	0	.0	2	15.4	3	23.1	5	38.5	3	23.1
TOTAL	21	2.5	96	11.4	197	23.4	310	36.9	216	25.7
ALL STATE PROGRAMS	30	2.3	157	12.1	340	26.2	457	35.2	313	24.1

Table XXVA
HCC Credits Not Accepted at Transfer School
(N=23)

PROGRAM	All Accepted		1-3		4-6		7-12		13-20		More than 21	
	N	%	N	%	N	%	N	%	N	%	N	%
Transfer												
Arts and Sci.	1	33.3	0	.0	1	33.3	1	33.3	0	.0	0	.0
Teacher Ed.	0	.0	1	100.0	0	.0	0	.0	0	.0	0	.0
Bus. Admin.	2	50.0	1	25.0	0	.0	1	25.0	0	.0	0	.0
SUB-TOTAL TRANSFER	3	37.5	1	25.0	1	12.5	2	25.0	0	.0	0	.0
Occupational												
Acctg.	1	50.0	0	.0	0	.0	0	.0	0	.0	1	50.0
Bus. Mgmt.	1	100.0	0	.0	0	.0	0	.0	0	.0	0	.0
Retailing	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0
Sec. Sci.	0	.0	1	100.0	0	.0	0	.0	0	.0	0	.0
Data Proc.	2	66.7	0	.0	0	.0	0	.0	0	.0	1	33.3
Nursing	0	.0	0	.0	0	.0	0	.0	1	100.0	0	.0
Carpentry	0	.0	0	.0	0	.0	1	.1	0	.0	0	.0
EMET	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0
Vision Care	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0
SUB-TOTAL OCCUPATIONAL	4	50.0	1	12.5	0	.0	0	.0	1	12.5	2	25.0
General Studies	4	80.0	0	.0	1	20.0	0	.0	0	.0	0	.0
Undeclared Program	1	100.0	0	.0	0	.0	0	.0	0	.0	0	.0
TOTAL	12	52.2	3	13.0	2	8.7	3	13.0	1	4.3	2	8.7

Table XXVB
Maryland Community College Credits Not Accepted at Transfer School

PROGRAM	All Accepted		1-3		4-6		7-12		13-20		More than 21	
	N	%	N	%	N	%	N	%	N	%	N	%
Transfer												
Arts and Sci.	23	31.5	21	28.8	11	15.1	6	8.2	6	8.2	6	8.2
Teacher Ed.	36	46.2	25	32.1	5	6.4	8	10.3	3	3.8	1	1.3
Bus. Admin.	50	43.1	27	23.3	21	18.1	11	9.5	4	3.4	3	2.6
SUB-TOTAL TRANSFER	109	40.8	73	27.3	37	13.8	25	9.3	13	4.8	10	3.7
Occupational												
Acctg.	18	48.6	6	16.2	6	16.2	4	10.8	2	5.4	1	2.7
Bus. Mgmt.	13	44.8	3	10.3	4	13.8	4	13.8	3	10.3	2	6.9
Retailing	1	25.0	0	.0	3	75.0	0	.0	0	.0	0	.0
Sec. Sci.	6	46.2	3	23.1	0	.0	2	15.4	1	7.7	1	7.7
Data Proc.	13	40.6	5	15.6	7	21.9	3	9.4	3	9.4	1	3.1
Nursing	9	39.1	2	8.7	1	4.3	1	4.3	1	4.3	9	39.1
Carpentry	0	.0	0	.0	0	.0	1	100.0	0	.0	0	.0
BMET	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0
Plant Sci.	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0
SUB-TOTAL OCCUPATIONAL	60	43.1	19	13.6	21	15.1	15	10.7	10	7.1	14	10.0
General Studies	232	47.6	93	19.1	65	13.3	51	10.5	33	6.8	13	2.7
Undeclared Program	5	33.3	3	20.0	4	26.7	0	.0	1	6.7	2	13.3
TOTAL	406	44.7	188	20.7	127	13.9	91	10.0	57	6.2	39	4.2
ALL STATE PROGRAMS	599	42.8	264	18.9	212	15.1	154	11.0	87	6.2	84	6.0

Table XVIA
Most Important Reason For Choosing HCC
(N=89)

PROGRAM	Low Cost		Location		Program		Financial Aid		Unable to Attend Other College		Academic Reputation		Advice of Friends		Advice of High School Counselor	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Transfer																
Arts and Sci.	1	33.3	1	33.3	0	.0	1	.33	0	.0	0	.0	0	.0	0	.0
Teacher Ed.	1	33.3	2	66.7	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0
Bus. Admin.	0	.0	4	100.0	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0
SUB-TOTAL TRANSFER	2	20.0	7	70.0	0	.0	0	.0	1	10.0	0	.0	0	.0	0	.0
Occupational																
Acctg.	1	33.3	2	66.7	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0
Bus. Mgmt.	0	.0	2	100.0	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0
Retailing	1	25.0	0	.0	2	50.0	1	25.0	0	.0	0	.0	0	.0	0	.0
Sec. Sci.	1	12.5	3	37.5	3	37.5	1	12.5	0	.0	0	.0	0	.0	0	.0
Data Proc.	1	11.1	6	66.7	2	22.2	0	.0	0	.0	0	.0	0	.0	0	.0
Nursing	1	5.0	11	55.0	7	35.0	0	.0	0	.0	1	5.0	0	.0	0	.0
Carpentry	0	.0	0	.0	6	100.0	0	.0	0	.0	0	.0	0	.0	0	.0
EMET	0	.0	0	.0	4	100.0	0	.0	0	.0	0	.0	0	.0	0	.0
Vision Care	0	.0	2	50.0	2	50.0	0	.0	0	.0	0	.0	0	.0	0	.0
SUB-TOTAL OCCUPATIONAL	5	8.3	26	43.3	26	43.3	2	3.3	0	.0	1	1.7	0	.0	0	.0
General Studies	2	15.4	9	69.2	2	15.4	0	.0	0	.0	0	.0	0	.0	0	.0
Undeclared Program	0	.0	3	50.0	2	33.3	1	16.7	0	.0	0	.0	0	.0	0	.0
TOTAL	9	10.1	45	50.6	30	33.7	3	3.4	1	1.1	1	1.1	0	.0	0	.0

Table XXVIB
Most Important Reason For Choosing Community Colleges Statewide

PROGRAM	Low Cost		Location		Program		Financial Aid		Unable to Attend Other College		Academic Reputation		Advice of Friends		Advice of High School Counselor	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Transfer																
Arts and Sci.	30	26.8	44	39.3	12	10.7	3	2.7	9	8.0	8	7.1	6	5.4	0	.
Teacher Ed.	24	26.7	46	51.1	7	7.8	0	.0	2	2.2	5	5.6	6	6.7	0	.
Bus. Admin.	42	23.5	93	52.0	16	8.9	2	1.1	9	5.0	11	6.1	5	2.8	1	.
SUB-TOTAL TRANSFER	96	25.1	183	48.0	35	9.1	5	1.3	20	5.2	24	6.2	17	4.4	1	.
Occupational																
Acctg.	11	16.2	34	50.0	14	20.6	0	.0	3	4.4	6	8.8	0	.0	0	.
Bus. Mgmt.	12	23.5	21	41.2	7	13.7	3	5.9	3	5.9	2	3.9	2	3.9	1	2.
Retailing	7	30.4	5	21.7	8	34.8	1	4.3	0	.0	2	8.7	0	.0	0	.
Sec. Sci.	19	12.8	55	36.9	49	32.9	4	2.7	7	4.7	11	7.4	4	2.7	0	.
Data Proc.	13	15.3	45	52.9	16	18.8	0	.0	2	2.4	7	8.2	0	.0	2	2.
Nursing	54	15.2	91	25.6	176	49.6	4	1.1	8	2.3	21	5.9	1	.3	0	.
Carpentry	0	.0	0	.0	6	100.0	0	.0	0	.0	0	.0	0	.0	0	.
BMET	0	.0	0	.0	4	100.0	0	.0	0	.0	0	0	0	.0	0	.
Plant Sci.	1	11.1	3	33.3	5	55.6	0	.0	0	.0	0	.0	0	.0	0	.
SUB-TOTAL OCCUPATIONAL	117	1.5	254	33.8	285	38.0	12	16.0	23	3.0	49	6.5	7	.9	3	.
General Studies	175	21.7	362	44.9	105	13.0	16	2.0	43	5.3	70	8.7	22	2.7	14	1.
Undeclared Program	11	42.3	7	26.9	4	15.4	1	3.8	2	7.7	0	.0	0	.0	1	3.
TOTAL	399	20.3	806	41.0	429	21.8	34	1.7	88	4.4	143	7.2	46	2.3	19	.
ALL STATE PROGRAMS	539	16.4	1160	35.2	1118	34.0	67	2.0	119	3.6	196	6.0	69	2.1	23	.

Table XXVIIA
Educational Goals of HCC Graduates by Program

(N=91)

PROGRAM	Explore New Career or Academic Area		Preparation For Entry Into Career		Transfer to 4-Year Institution		Update Skills For Current Job		Interest and Self-Enrichment		Other	
	N	%	N	%	N	%	N	%	N	%	N	%
Transfer												
Arts and Sci.	0	.0	0	.0	3	75.0	0	.0	0	.0	1	25.0
Teacher Ed.	1	50.0	0	.0	1	50.0	0	.0	0	.0	0	.0
Bus. Admin.	1	20.0	0	.0	4	80.0	0	.0	0	.0	0	.0
SUB-TOTAL TRANSFER	2	18.2	0	.0	8	72.8	0	.0	0	.0	1	9.1
Occupational												
Acctg.	1	33.3	0	.0	0	.0	0	.0	2	66.7	0	.0
Bus. Mgmt.	0	.0	0	.0	1	100.0	0	.0	0	.0	0	.0
Retail	2	50.0	1	25.0	0	.0	1	25.0	0	.0	0	.0
Sec. Sci.	0	.0	7	87.5	1	12.5	0	.0	0	.0	0	.0
Data Proc.	2	22.2	3	33.3	2	22.2	2	22.2	0	.0	0	.0
Nursing	5	23.8	11	52.4	1	4.8	1	4.8	2	9.5	1	4.8
Carpentry	2	28.6	1	14.3	0	.0	1	14.3	3	42.9	0	.0
BMET	0	.0	3	100.0	0	.0	0	.0	0	.0	0	.0
Vision Care	2	50.0	1	25.0	0	.0	1	25.0	0	.0	0	.0
SUB-TOTAL OCCUPATIONAL	14	23.3	27	45.0	5	8.3	6	10.0	7	11.7	1	1.7
General Studies	3	21.4	0	.0	6	42.9	0	.0	5	35.7	0	.0
Undeclared Program	0	.0	4	66.7	1	16.7	0	.0	1	16.7	0	.0
TOTAL	19	20.9	31	34.1	20	22.0	6	6.6	13	14.3	2	2.2

Table XXVIIB
Educational Goals of Statewide Graduates by Program

PROGRAM	Explore New Career or Academic Area		Preparation For Entry Into Career		Transfer to 4-Year Institution		Update Skills For Current Job		Interest and Self-Enrichment		Other	
	N	%	N	%	N	%	N	%	N	%	N	%
Transfer												
Arts and Sci.	20	11.3	11	6.2	106	59.9	3	1.7	29	16.4	8	4.5
Teacher Ed.	8	8.0	2	2.0	79	79.0	1	1.0	9	9.0	1	1.0
Bus. Admin.	24	11.7	21	10.2	133	64.6	9	4.4	13	6.3	6	2.9
SUB-TOTAL TRANSFER	52	10.8	34	7.0	318	65.8	13	2.7	51	10.6	15	3.1
Occupational												
Acctg.	20	23.3	22	25.6	24	27.9	11	12.8	7	8.1	2	2.3
Bus. Mgmt.	9	16.4	11	20.0	18	32.7	4	7.3	12	21.8	1	1.8
Retailing	5	17.2	13	44.8	4	13.8	4	13.8	2	6.9	1	3.4
Sec. Sci.	19	11.5	127	77.0	5	3.0	3	1.8	10	6.1	1	.6
Data Proc.	19	20.4	36	38.7	16	17.2	11	11.8	11	11.8	0	.0
Nursing	55	14.4	281	73.8	11	2.9	14	3.7	12	3.1	8	2.1
Carpentry	2	28.6	1	14.3	0	.0	1	14.3	3	42.9	0	.0
BMET	0	.0	3	100.0	0	.0	0	.0	0	.0	0	.0
Plant Sci.	3	33.3	2	22.2	1	11.1	1	11.1	2	22.2	0	.0
SUB-TOTAL OCCUPATIONAL	132	15.9	496	59.9	79	9.5	49	5.9	59	7.1	13	1.6
General Studies	127	15.4	66	8.0	414	50.2	39	4.7	152	18.4	27	3.3
Undeclared Program	2	8.3	8	33.3	12	50.0	0	.0	2	8.3	0	.0
TOTAL	313	14.5	604	28.0	823	38.1	101	4.7	264	12.2	55	2.5
ALL STATE PROGRAMS	543	15.1	1141	31.8	1166	32.5	262	7.3	367	10.2	106	3.0

Table XXVIIIA
Goal Achievement of HCC Graduates
(N=102)

PROGRAM	GOAL ACHIEVED ?			
	YES		NO	
	N	%	N	%
Transfer				
Arts and Sci.	4	100.0	0	.0
Teacher Ed.	3	100.0	0	.0
Bus. Admin.	5	100.0	0	.0
SUB-TOTAL TRANSFER	12	100.0	0	.0
Occupational				
Acctg.	3	100.0	0	.0
Bus. Mgmt.	2	100.0	0	.0
Retailing	5	100.0	0	.0
Sec. Sci.	8	88.9	1	11.1
Data Proc.	6	66.7	3	33.3
Nursing	21	91.3	2	8.7
Carpentry	6	66.7	3	33.3
BMET	4	100.0	0	.0
Vision Care	4	100.0	0	.0
SUB-TOTAL OCCUPATIONAL	59	86.8	9	13.2
General Studies	11	73.3	4	26.7
Undeclared Program	7	100.0	0	.0
TOTAL	89	87.3	13	12.7

Table XXVIIIB
Goal Achievement of State Graduates

PROGRAM	GOAL ACHIEVED ?			
	YES		NO	
	N	%	N	%
Transfer				
Arts and Sci.	157	83.5	31	16.5
Teacher Ed.	101	89.4	12	10.6
Bus. Admin.	191	86.4	30	13.6
SUB-TOTAL TRANSFER	449	86.0	73	13.9
Occupational				
Acctg.	79	88.8	10	11.2
Bus. Mgmt.	46	79.3	12	20.7
Retailing	28	87.5	4	12.5
Sec. Sci.	150	86.2	24	13.8
Data Proc.	78	80.4	19	19.6
Nursing	383	96.5	14	3.5
Carpentry	6	66.7	3	33.3
BMET	4	100.0	0	.0
Plant Sci.	8	88.9	1	11.1
SUB-TOTAL OCCUPATIONAL	782	89.9	87	10.0
General Studies	755	84.5	139	15.5
Undeclared Program	28	96.6	1	3.4
TOTAL	2014	87.0	300	12.9
ALL STATE PROGRAMS	3266	84.7	590	15.3

Table XXIXA
Satisfaction with Classroom Instruction (N=102) and Overall Quality of HCC (N=101)

PROGRAM	QUALITY OF CLASSROOM INSTRUCTION						QUALITY OF COLLEGE					
	Extremely Satisfied		Satisfied		Unsatisfied		Extremely Satisfied		Satisfied		Unsatisfied	
	N	%	N	%	N	%	N	%	N	%	N	%
Transfer												
Arts and Sci.	2	50.0	2	50.0	0	.0	2	50.0	2	50.0	0	.0
Teacher Ed.	1	33.3	2	66.7	0	.0	1	33.3	2	66.7	0	.0
Bus. Admin.	4	80.0	1	20.0	0	.0	4	80.0	1	20.0	0	.0
SUB-TOTAL TRANSFER	7	58.3	5	41.7	0	.0	7	58.3	5	41.7	0	.0
Occupational												
Acctg.	0	.0	3	100.0	0	.0	1	33.3	2	66.7	0	.0
Bus. Mgmt.	1	50.0	1	50.0	0	.0	1	50.0	1	50.0	0	.0
Retailing	4	80.0	1	20.0	0	.0	1	20.0	4	80.0	0	.0
Sec. Sci.	5	55.6	4	44.4	0	.0	6	66.7	3	33.3	0	.0
Data Proc.	5	55.6	4	44.4	0	.0	6	66.7	2	22.2	1	11.1
Nursing	5	21.7	15	65.2	3	13.0	8	34.8	14	60.9	1	4.3
Carpentry	5	55.6	4	44.4	0	.0	3	33.3	6	66.7	0	.0
BMET	2	50.0	2	50.0	0	.0	1	25.0	3	75.0	0	.0
Vision Care	1	25.0	3	75.0	0	.0	1	25.0	3	75.0	0	.0
SUB-TOTAL OCCUPATIONAL	28	43.1	37	56.9	3	4.6	28	42.4	38	57.8	2	3.0
General Studies	7	46.7	8	53.3	0	.0	7	46.7	8	53.3	0	.0
Undeclared Program	4	57.1	2	28.6	1	14.3	0	.0	6	100.0	0	.0
TOTAL	46	45.1	52	51.0	4	3.9	42	41.6	57	56.4	2	2.0

Table XXIXB
Statewide Satisfaction with Classroom Instruction
and Overall Quality of Community Colleges

PROGRAM	QUALITY OF CLASSROOM INSTRUCTION						QUALITY OF COLLEGE					
	Extremely Satisfied		Satisfied		Unsatisfied		Extremely Satisfied		Satisfied		Unsatisfied	
	N	%	N	%	N	%	N	%	N	%	N	%
Transfer												
Arts and Sci.	69	54.8	52	41.3	5	4.0	102	53.7	81	42.6	7	3.7
Teacher Ed.	56	54.9	44	43.1	2	2.0	59	51.8	53	46.5	2	1.8
Bus. Admin.	95	48.2	102	51.8	0	.0	118	52.9	102	45.7	3	1.3
SUB-TOTAL TRANSFER	220	51.7	198	46.5	7	1.6	279	52.9	236	44.7	12	2.2
Occupational												
Acctg.	25	32.9	46	60.5	5	6.6	39	43.8	48	53.9	2	2.2
Bus. Mgmt.	17	29.3	40	69.0	1	1.7	17	28.3	40	66.7	3	5.0
Retailing	12	44.4	15	55.6	.0	.0	11	34.4	20	62.5	1	3.1
Sec. Sci.	77	47.5	84	51.9	1	.6	66	37.7	109	62.3	0	.0
Data Proc.	34	38.6	52	59.1	2	2.3	47	48.5	47	48.5	3	3.1
Nursing	127	33 2	231	60.5	24	6.3	139	34.9	242	60.8	17	4.3
Carpentry	5	55.6	4	44.4	0	.0	3	33.3	6	66.7	0	.0
BMET	2	50.0	2	50.0	0	.0	1	25.0	3	75.0	0	.0
Plant Sci.	4	44.4	5	55.6	0	.0	3	33.3	6	66.7	0	.0
SUB-TOTAL OCCUPATIONAL	303	37.1	479	58.7	33	4.0	326	37.3	521	59.6	26	2.9
General Studies	398	44.6	471	52.8	23	2.6	447	49.9	426	47.6	22	2.5
Undeclared Program	16	55.2	12	41.4	1	3.4	9	32.1	19	67.9	0	.0
TOTAL	937	43.3	1160	53.6	64	2.9	1061	45.6	1202	51.7	60	2.5
ALL STATE PROGRAMS	1537	42.1	1190	54.6	121	3.3	1669	43.1	2071	53.5	130	3.4

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